



GAME NOTES



1000 PARK AVENUE, ALTOONA, PA 16602

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ALTOONACURVEBASEBALL

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ALTOONA_CURVE

EASTERN LEAGUE CHAMPIONS
2010, 2017

DIVISION CHAMPIONS
2004, 2010, 2017, 2018

PLAYOFF APPEARANCES
2003, 2004, 2005, 2006, 2010,
2015, 2016, 2017, 2018

PLAYERS TO MLB
170



Fri., July 19	at Bowie	7:05 p.m.	LHP Domingo Robles (2-2, 4.70) vs. LHP Zac Lowther (10-5, 2.54)
Sat., July 20	at Bowie	6:35 p.m.	TBD vs. LHP Alex Wells (8-1, 1.95)
Sun., July 21	at Bowie	1:35 p.m.	TBD vs. RHP Mike Baumann (2-1, 0.33)
Mon., July 22	Erie	6:30 p.m.	TBD vs. LHP Brandon Waddell (2-1, 2.67)

THE LAST TIME OUT: The Curve avoided a sweep at home against Trenton in a 6-5 win over the Thunder. Altoona jumped out to a 4-0 lead with two in each the first and third frames before Trenton scored one in the fifth and four in the sixth to take a 5-4 lead. The Curve struck for a pair in the bottom of the eighth after **Jared Oliva**'s second triple of the game and **Logan Hill**'s fourth RBI on a single to left to tie the game. Robbie Glendinning singled Hill over the third and **Jerrick Suiter** knocked home the winning run on a fielder's choice. **Matt Eckelman** locked down his 18th save of the year and 29th overall as a member of the Curve, tied for second all-time in club history.

TODAY'S GAME: The Curve travel to Maryland to begin a titanic series against the Bowie Baysox, Double-A affiliate of the Baltimore Orioles. 92 games into the season, the two clubs have played just three games against each other, which took place at PNG Field on May 6-8 with Baysox taking 2 of 3 by outscoring the Curve 24-10. Since June 1, Altoona and Bowie have been the hottest teams in the league with the Baysox going a league-best 31-10 and the Curve 27-14. The two second half contenders will play 11 times between now and the end of August with the Curve hosting Bowie on August 16-18 followed by a second visit to Prince George's Stadium on August 22-25.

THE CURVE: The Curve broke a three-game slide to salvage the final game of their series at home against Trenton. The team won 7 of 8 before the All-Star Break before losing 4 of the first 7 since play resumed. Each of Altoona's last 11 games have been decided by three runs or less. The Curve's next eight games are against the two teams ahead of them in the Western Division standings with four at Bowie and four against Erie in Altoona. The Curve have the best intra-division record (38-24) among Western Division clubs and have reached the E.L. Playoffs in each of the last four seasons, the longest active streak in the league and tied for the longest run in franchise history (2003-06).

THE BAYSOX: Bowie entered play at PNG Field on May 6 with a 7-23 record, the worst record in professional baseball. Bowie took 2 of 3 from the Curve in that series and have been one of the best teams in the game with a 43-21 record since the start of that series. They have been the best pitching team in the league since May 6, owning a 2.92 ERA and have pitched to an 11-3 record in July with a league-best 2.53 ERA this month. Overall, Bowie's pitching staff is ranked fourth overall at a 3.36 ERA despite allowing the most homers on the circuit (90). From an offensive standpoint, Bowie's hitters lead the league with 4.3 runs per game and a .272 average with runners in scoring position while ranking fourth with a .243 team batting average and third with 73 home runs. The Baysox most recently took 2 of 3 over Harrisburg to start their current seven-game homestand.

FOR ALTOONA: Right-hander **Cody Bolton** makes his fourth Double-A start. The 21-year-old took a no-decision in his last outing in Erie on July 13 despite holding a lead when he departed after five innings. Bolton was a 2019 Florida State League All-Star for A-Adv. Bradenton and led the FSL with a 1.61 ERA over his 12 starts at the time of his promotion on June 26. His 2.72 ERA between both levels ranks fourth among Pirates minor league pitchers with at least 50 innings pitched in 2019. Pittsburgh drafted Bolton out of Tracy (Calif.) High School in the sixth round of the 2017 draft and is ranked by Baseball America as the Pirates' No. 21 prospect while MLB.com ranks the righty at No. 23 in the system...*For more on Bolton, see page two.*

FOR BOWIE: Right-hander **Dean Kremer** takes the mound for his 11th start in Double-A this year and his 13th overall. Kremer threw four innings and allowed two runs in his last start in Akron on July 13. The 23-year-old threw 9.2 scoreless innings over two starts at A-Adv. Frederick in early May to start his season before rejoining the Baysox roster. Kremer was drafted by the Los Angeles Dodgers in the 14th round out of UNLV in 2016 and was acquired by the Orioles on this date one year ago along with Baysox teammates Rylan Bannon, Yusniel Diaz and Zach Pop for Manny Machado. He made all of his eight starts after the trade for Bowie in 2018, including his final appearance on August 31 against Altoona during a 10-strikeout quality start (6 IP, 3 ER), going 4-2 with a 2.58 ERA.

WILD, WILD WEST: The Curve have the best overall record in the Western Division and would have a half-game lead over Bowie and Harrisburg for first place under the old playoff format. However, the Curve are chasing the Baysox and Erie in the second half due to the new split-season format. Harrisburg rode a 21-4 record in April to a 42-28 finish to punch their ticket to the postseason as first half division champs. The Baysox and SeaWolves have taken advantage of new life since June 19 to position themselves ahead of Altoona for the last remaining spot in the West.

YEAR OF THE PITCHER: Bowie's Michael Baumann pitched a nine-inning no-hitter on Tuesday night, the seventh hitless game in the Eastern League in 2019 and the most since a record nine no-nos were thrown in 1967. The league-wide batting average stands at .238 with teams scoring 3.99 runs per game. The last time the league average finished under .250 and 4.0 runs per game was in 1989 (.249/.395) while 1971 (.234/.357) was the last season below .240 and fewer than 4.0 runs per game. The Curve are above the league average by scoring 4.04 runs per game and rank third in hitting at .244. The lowest batting average in team history was .252 during the 2013 season. Strikeouts are also on the rise with E.L. pitchers averaging 8.8 SO/9 IP, the highest ratio in league history going back to the earliest data available in 1965. Curve pitchers have struck out the fewest hitters (655) among full-season clubs in the Minors while Altoona hitters have struck out 101 times over the last eight games.

BRAKE MEN: The Curve pitching staff has been dialed in over an extended period and owns the second-best ERA in the league since June 3 (38 games) at 3.06 (116 ER/341.0 IP) and third-best since May 16 (54 games) at 3.20 (167 ER/469.2 IP). After a 6.82 ERA over 12 games from May 3-15, the club's ERA ballooned to a league-high 4.22 but has been trimmed down to 3.62 and rank eighth due to the prolonged run of success.

OLIVA COMING ALIVE: **Jared Oliva** is the top hitter in the Eastern League since June 14, leading the league with a .410 (41/100) batting average, .640 slugging percentage, .491 on-base percentage, 1.131 OPS, 41 hits and 17 steals over his last 28 games. He also has the best slashline (.410/.495/.639) in the E.L. since the second half started on June 19. Oliva was hitting a season-low .193 through his first 39 games but has been on base in 35 of his last 38 games since June 3 to boost his average to .278 thanks to a .365 (50/137) pace, also the best in the league over that period. His .278 average is ranked 12th in the league and third-best among Pirates minor leaguers (min. 300 plate appearances). He was a 2018 MiLB.com Pirates Organization All-Star after he hit .275 for A-Adv. Bradenton with 33 stolen bases, third-most in the system.

KING OF THE HILL: **Logan Hill** is coming off a 4-for-4 night on Tuesday and a two-hit, four RBI game on Wednesday. Since he was assigned back to Double-A on July 5, he started 2-for-23 with a pair of home runs but did work seven walks to reach base in each of his first nine games back in Altoona. Around a 14-game stint at Triple-A Indianapolis from June 13-July 4, Hill has reached in 14 straight Double-A games while hitting .311 (14/45) with 11 walks, eight extra-base hits and 13 RBIs since June 8. His .282 average and .365 on-base percentage each rank 10th in the E.L.

TOLMAN AT THE TOP: Since taking over the leadoff role on June 19, **Mitchell Tolman** has reached base in 21 of 23 games while hitting .274 (23/84). Since the start of the second half, Tolman leads the league with 21 runs scored, ranks fourth with a .408 on-base percentage and third with 16 walks. He has reached base in 33 of 37 games, including a team season-high 17 in a row from June 24-July 15, and is batting .281 (39/139) with 25 runs, eight steals and nine extra-base hits since June 3.

BLIGH GUY: **Bligh Madris** has 12 multi-hit games in his last 29 contests since June 12, batting .312 (34/109) with eight doubles. Madris hit .326 (29/89) over his first 21 games at Double-A through April 28 with seven doubles and nine RBIs before slumping to a .156 (14/90) pace with three doubles and five RBIs over his next 28 from April 29-June 1.

G'DAYS FOR ROBBIE: **Robbie Glendinning** is coming off his first multi-hit game (3-for-4) since he recorded two knocks, including a walk-off double, on July 4. The Western Australia native leads all Pirates minor leaguers with a .324 batting average (min. 300 plate appearances) while his career-high 11 homers (7th), 51 RBIs (4th), 23 doubles (3rd) and 92 hits (2nd) between two levels also rank among the organization's best. Glendinning was a 2019 Florida State League All-Star for A-Adv. Bradenton and led the FSL with a .340 average, .599 slugging percentage and .992 OPS over 43 games after he played his first nine games of the year with the Curve. Since his permanent promotion on June 13, his 21 RBIs in 28 games are the fourth-best total in the Eastern League.

PROSPECT WATCH: The Curve active roster features two of Baseball America's Top 30 Pirates prospects in outfielder **Jared Oliva** (No. 19) and right-handed pitcher **Cody Bolton** (No. 21). Oliva is ranked by B.A. as the "Best Defensive Outfielder" in Pittsburgh's system. MLB.com has three Top 30 Pirates prospects in Altoona with Oliva (No. 9), Bolton (No. 23) and right-handed reliever **Blake Cederlind** (No. 30).

Altoona

2019 E.L. WESTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Bowie	20-6	50-44	--	vs. ALT
Erie	18-7	49-42	1.5	@ RIC
Altoona	15-10	50-42	4.5	@ BOW
Richmond	12-14	35-58	8.0	vs. ERI
x-Harrisburg	9-16	51-44	10.5	vs. POR
Akron	8-19	42-54	12.5	vs. BNG

2019 E.L. EASTERN STANDINGS

Team	2nd Half	Overall	GB	Today
Reading	18-9	57-37	--	vs. NHM
Hartford	12-14	49-44	5.5	@ TRN
x-Trenton	12-15	50-42	6.0	vs. HFD
Portland	12-15	39-55	6.0	@ HBG
Binghamton	12-16	47-44	6.5	@ AKR
New Hamp.	10-17	41-53	8.0	@ REA

2019 CURVE AT A GLANCE

Overall Record	50-42
First Half	35-32
Second Half	15-10
Home	25-21
Road	25-21
Place (E.L. Western)	3rd
Games Ahead/Behind	-4.5
Streak	W1
Last 5	2-3
Last 10	6-4
2019 vs. Bowie	1-2
at Altoona	1-2
at Bowie	0-0
All-time vs. Bowie	162-167
at Altoona	80-85
at Bowie	82-82
'19 Home Attendance	187,839
Home Openings	43
Average Attendance	4,368

ON THE LAST HOMESTAND

Games	3
Record	1-2
Average	.277 (26/94)
Runs/Runs Per Game	11/3.7
Home Runs	0
RISP	.172 (5/29)
Errors	0

ERA

4.33 (13 ER/27.0 IP)
0-0

Starter W-L

5.93 (9 ER/13.2 IP)
1-2

Reliever W-L

2.70 (4 ER/13.1 IP)
1/2

Saves/Opps

1/2
1/2



PIRATES ORGANIZATION SUMMARY

Affiliate	W-L	DIV	Yest.	Today
PIT (MLB)	45-50	4th, -6.5	L, 6-5 @ STL	OFF
IND (AAA)	47-48	2nd, -10.0	L, 15-5 vs. SYR	vs. SYR
BRD (A+)	51-43	3rd, -7.5	W, 7-3 vs. CLR	vs. CLR
GBO (A)	59-36	3rd, -3.0	W, 11-1 vs. HAG	@ AUG
WVB (A-)	16-15	2nd, -3.0	W, 4-1 vs. SC	vs. SC
BRs (Rk)	12-16	4th, -5.0	L, 7-6 @ JC	@ JC

BROADCAST INFORMATION



Garett Mansfield and Michael Marcantonini will call the action of the 2019 season on the flagship of the Curve, Talk Radio 98.5 FM/1240 AM WRTA in Altoona. Pregame coverage begins 15 min. before all games. The Curve can also be heard on the following affiliate stations for selected games:

- WKMC 96.1 FM/1370 AM in Roaring Spring
- WPHB 1260 AM in Centre County
- Online streaming at AltoonaCurve.com provided by Tuneln Radio
- Via the Tuneln Radio App and the MiLB First Pitch App

TODAY'S STARTING PITCHER



RHP CODY BOLTON

#45
HEIGHT: 6-3

WEIGHT: 185

B/T: R/R

EXP: 3 YR

BORN: JUNE 19, 1998 (21) IN TRACY, CALIF.

RESIDES: TRACY, CALIF.

ACQUIRED: 6TH ROUND (2017) - TRACY (CALIF.) HIGH SCHOOL

GAME-BY-GAME

DATE	OPP	DEC	IP	H	R	ER	BB	SO	LEFT GM (w/ ALTOONA)	RESULT
<i>w/ A-Adv. Bradenton</i>										
4/8	at Charlotte	W (1)	5.0	2	1	1	0	6	--	--
4/13	Dunedin	W (2)	6.0	3	1	1	3	8	--	--
4/18	Jupiter	--	5.0	4	1	0	2	3	--	--
4/24	Fort Myers	W (3)	6.0	4	1	0	1	6	--	--
4/30	at Jupiter	W (4)	6.0	4	1	1	1	6	--	--
5/6	at Clearwater	W (5)	7.0	3	0	0	0	7	--	--
5/14	Fort Myers	L (1)	2.2	7	5	5	0	3	--	--
5/19	at Palm Beach	L (2)	5.0	4	2	1	3	5	--	--
5/24	Tampa	L (3)	6.0	5	2	2	0	8	--	--
5/30	Lakeland	W (6)	6.0	1	0	0	2	10	--	--
6/13	Charlotte	--	3.0	2	0	0	2	2	--	--
6/20	Tampa	--	4.0	0	0	0	0	5	--	--
<i>w/ Double-A Altoona</i>										
6/26	at Richmond	L (1)	4.1	3	4	4	2	6	In 5th, Curve leading 2-1	L, 6-2
7/1	at Akron	--	5.0	6	4	4	2	3	After 5th, Curve trailing 4-2	W, 5-4
7/13	at Erie	--	5.0	5	4	4	2	4	After 5th, Curve leading 7-4	W, 10-7 (10)
7/18	at Bowie	--								

Bold - Career High
Italics- Relief outing

2019 HIGHS

IP: 7.0, 5/6 @ CLR
 K: 10, 5/30 vs. LAK
 BB: 3, 2x, last - 5/19 @ PMB
 Hits: 7, 5/14 vs. FTM
 Runs: 5, 5/14 vs. FTM

CAREER HIGHS

IP: 7.0, 2x, last - 5/6/19 (BRD @ CLR)
 K: 10, 5/30/19 (BRD vs. LAK)
 BB: 3, 2x, last - 5/19/19 BRD @ PMB
 Hits: 8, 6/25/18 (WVP vs. LWD)
 Runs: 6, 7/1/18 (WVP @ HAG)

RUNS ALLOWED BY INNING

1	2	3	4	5	6	7	8	9	10
0	4	1	2	5	--	--	--	--	--

BOLTON CAREER NOTES

Drafted by the Pirates in the sixth round (178th overall) in the 2017 draft out of Tracy (Calif.) High School...Went 24-6 with a 1.42 ERA and 201 strikeouts in three-year varsity career...Spent professional debut season in 2017 with the GCL Pirates, topping out at three innings over nine starts... Compiled a 3.16 ERA and 0-2 record...Reported to Single-A West Virginia Power on 5/21 to begin his 2018 campaign... Pitched 19.1 consecutive scoreless innings over his first four starts of the season and earned two winning decisions... Recorded a season-high seven seven innings and nine strikeouts on 7/13 @ HIC...Placed on the injured list on 7/23 and missed the remainder of the season...Finished the 2018 season as the No. 25 Pirates prospect...Began the 2019 season ranked by *Baseball America* as the Pirates' No. 21 prospect and No. 27 on MLB.com...Began 2019 season with A-Adv. Bradenton during first full professional season and was a Florida State League All-Star...Promoted to Double-A Altoona on 6/26...Currently Pittsburgh's No. 23 prospect on MLB.com

BOLTON VS. BOWIE

--,-- ERA

Date	H/R	Dec	IP	H	R/ER	K/BB
7/18	R					

BOWIE VS. BOLTON

Batter	Avg	HR	RBI	BB	K
Player	--	--	--	--	--
TOTALS	--- (-/-)	--	--	--	--

BOLTON CAREER STATISTICS

YR	CLUB	W-L	ERA	G/GS	CG	SHO	SV	IP	H	R	ER	HR	BB	SO
17	GCL Pirates (Rk.)	0-2	3.16	9/9	0	0	0	25.2	23	11	9	1	8	22
18	West Virginia (A)	3-3	3.65	9/9	0	0	0	44.1	43	19	18	6	7	45
19	Bradenton (A+)	6-3	1.61	12/12	0	0	0	61.2	39	14	11	1	14	69
	Altoona (AA)	0-1	7.53	3/3	0	0	0	14.1	14	12	12	4	6	13
	2019 Totals (A+/AA)	6-4	2.72	15/15	0	0	0	76.0	53	26	23	5	20	82
MILB Totals (3 seasons)		9-9	3.08	33/33	0	0	0	146.0	119	56	50	12	35	149

CURRENT NOTES

2.72 ERA between Double-A Altoona and A-Adv. Bradenton ranks fourth among Pirates minor leaguers...0.96 WHIP is second-best and .189 batting average against is third-lowest in the system... Recorded fifth-most strikeouts (82) between both levels of play in the organization

2019 NOTES

2019 FLORIDA STATE LEAGUE ALL-STAR...Began the season with A-Adv. Bradenton in first full professional season...Picked up winning decision five of his first six starts and allowed three earned runs, five total, and 20 hits allowed through 35 innings for a 0.77 ERA through 5/6...Named Florida State League Pitcher of the Week for May 6-12 after he posted a career-best seven scoreless innings on three hits and seven strikeouts on 5/6 @ CLR...Allowed a season-high five runs over 2.2 innings on 5/14 vs. FTM in first loss of the season...Went 0-3 with a 5.27 ERA (8 ER/13.2 IP) in three straight starts from 5/14-24...Fanned a career-best 10 hitters on 5/30 vs. LAK and started with 4.2 no-hit frames and went on to bust losing streak with six one-hit, scoreless innings...Missed next start with a trip to the 7-day injured list due to a right groin strain...Activated after minimum seven days on 6/11 and returned for three shutout frames on 6/13...Named a Florida State League All-Star but did not pitch in the 6/15 game...Struck out five over four hitless innings on 6/20 in final FSL appearance... Promoted to Double-A Altoona on 6/26...At time of promotion, led the Florida State League with 1.61 ERA, six wins, .174 batting average against and 0.86 WHIP...Made Double-A debut on 6/26 @ RIC and racked up six strikeouts over first four innings without a run allowed...In the fifth, allowed a single and two walks to load the bases and allowed a pinch-hit, RBI single to Peter Maris and was removed with the bases loaded before Johneshwy Fargas hit a bases-clearing, three-run triple off reliever Joel Cesar to charge four runs to Bolton's line...Gave up two homers in second Double-A outing on 7/1 @ AKR and grinded through five innings, trailing 4-2, before the Curve came back to win, 5-4...Skipped over in the rotation before the All-Star Break due to rain out on 7/6 vs. ERI...Departed after five innings with a three-run lead on 7/13 @ ERI, allowing four runs on two separate homers but Kody Eaves' second homer of the game off Yeudy Garcia in the sixth tied the game and spoiled his first shot at his first Double-A win

SEASON SPLITS/MISC. STATS

	W-L	ERA	G/GS	IP	R/ER	K/BB
Home	--	--	--	--	--	--
Road	0-1	7.53	3/3	14.1	12/12	13/6
Day	--	--	--	--	--	--
Night	0-1	7.53	3/3	14.1	12/12	13/6
June	0-1	8.31	1/1	4.1	4/4	6/2
July	0-0	7.20	2/2	10.0	8/8	7/4
Sec. Half	0-1	7.53	3/3	14.1	12/12	13/6
Pre-ASG	0-1	7.71	2/2	9.1	8/8	9/4
Post-ASG	0-0	7.20	1/1	5.0	4/4	4/2

STARTING PITCHER RUN SUPPORT

Pitcher	GS	Team Runs	R/Start	Quality Starts
Agrazal	4	9	2.3	2
Bolton	3	17	5.7	0
Brady	13	47	3.6	10
Cesar	1	1	1.0	0
Coley	4	18	4.5	0
Eckelman	1	3	3.0	0
Garcia	2	18	9.0	0
Hightower	9	31	3.4	2
Marvel	16	69	4.3	11
Robles	9	40	4.4	3
Vasquez	15	66	4.4	7
Vieaux	9	34	3.8	5
Waddell	6	18	3.0	2

ALTOONA CURVE STARTER BREAKDOWN

PLAYER	LAST START	DEC	IP	H	R	ER	BB	SO	RESULT	STARTS	TEAM RECORD
Dario Agrazal (R)	4/22 @ HBG	--	7.0	3	0	0	0	8	L, 1-0	4	2-2
Cody Bolton (R)	7/13 @ ERI	--	5.0	5	4	4	2	4	W, 10-7 (10)	3	2-1
Sean Brady (L)	7/16 vs. TRN	--	6.0	2	2	2	1	5	L, 4-2	13	6-7
Joel Cesar (R)	5/14 @ BNG (2)	--	1.0	0	0	0	0	1	L, 5-1	1	0-1
Austin Coley (R)	6/11 vs. POR	--	1.0	3	2	2	0	2	W, 5-4	4	2-2
Matt Eckelman (R)	5/25 @ POR	L (1)	1.0	6	5	5	0	2	L, 5-3	1	0-1
Yeudy Garcia (R)	5/3 @ RIC	--	1.2	7	6	6	0	3	W, 10-7	2	2-0
Scooter Hightower (R)	5/23 @ NHM	L (5)	5.0	7	5	5	1	3	L, 7-2	9	4-5
James Marvel (R)	6/30 vs. BNG	W (9)	7.0	3	2	2	1	3	W, 8-5	16	10-6
Domingo Robles (L)	7/14 @ ERI	--	6.0	7	4	4	1	5	L, 6-5	9	4-5
Pedro Vasquez (R)	7/15 vs. TRN	--	2.1	5	2	2	0	2	L, 4-3	15	9-6
Cam Vieaux (L)	5/22 @ NHM	L (3)	6.0	8	2	2	1	10	L, 2-1	9	5-4
Brandon Waddell (L)	7/17 vs. TRN	--	5.1	8	5	5	0	8	W, 6-5	6	5-1
SEASON TOTALS		W	27	L	26	G	92	CG	485.2	R	233
		W	27	L	26	G	92	IP	480	R	209
		<									

PITCHER NOTES

ALTOONA CURVE BULLPEN BREAKDOWN

PLAYER	LAST OUTING	DEC	IP	H	R	ER	HR	BB	SO	GMS	SV/SVO	INH/STR.	1ST BATTER RET.	
Jake Brentz (L)	5/4 @ RIC	--	2.0	1	0	0	0	0	3	9	--	4/4	4/9 (44%)	
Vicente Campos (R)	6/17 vs. HBG	--	2.0	2	0	0	0	2	1	20	1/2	4/1	12/20 (60%)	
Blake Cederlind (R)	7/15 vs. TRN	--	1.0	0	0	0	0	0	0	20	0/1	9/7	15/20 (75%)	
Joel Cesar (R)	7/15 vs. TRN	--	1.0	0	0	0	0	0	1	15	0/1	5/2	10/15 (67%)	
Austin Coley (R)	7/15 vs. TRN	L(1), BS(1)	2.0	3	2	2	0	2	1	7	0/1	--	2/7 (29%)	
Matt Eckelman (R)	7/17 vs. TRN	SV (18)	1.0	0	0	0	0	1	0	31	18/18	--	23/31 (74%)	
Yedy Garcia (R)	7/15 vs. TRN	--	2.2	0	0	0	0	2	3	21	1/3	6/2	12/21 (57%)	
Angel German (R)	7/17 vs. TRN	W (3)	1.0	0	0	0	0	0	1	26	2/3	3/1	20/26 (77%)	
Scooter Hightower (R)	4/4 @ AKR	--	1.0	0	0	0	0	0	1	1	--	--	1/1 (100%)	
Sean Keselica (L)	4/29 vs. ERI	--	1.0	1	0	0	0	0	0	7	--	2/1	5/7 (71%)	
Jesus Liranzo (R)	7/17 vs. TRN	BS(2)	1.2	1	0	0	0	3	1	6	0/1	5/3	4/6 (67%)	
Tate Scioaneaux (R)	5/14 @ BNG	--	0.2	1	1	1	1	0	1	13	1/2	2/0	7/13 (54%)	
Beau Sulser (R)	7/16 vs. TRN	L (1)	2.0	3	2	2	0	0	1	23	2/3	5/4	19/23 (83%)	
Ryan Valdes (R)	5/27 @ POR	--	2.0	4	2	2	0	2	2	1	--	--	1/1 (100%)	
Pedro Vasquez (R)	4/5 @ AKR	--	1.0	1	0	0	0	0	0	1	--	--	1/1 (100%)	
Blake Weiman (L)	6/13 vs. POR	H (4)	1.0	0	0	0	0	0	0	16	2/2	6/5	13/16 (81%)	
SEASON TOTALS			W	L	G	SV/SO	IP	H	R	ER	HR	BB	SO	ERA
			23	16	90	27/38	310.2	261	132	113	30	136	284	3.27

#35 Blake Cederlind

Bats: Right Throws: Right

Ht/Wt: 6-3/190

LAST OUTING:	7/15 vs. TRN
LONG OUTING (PEN):	3.0, 6/5 @ ERI
LAST WIN:	7/7/19 (ALT vs. ERI)
LAST SAVE:	4/27/19 (BRD @ DBT)
LAST HR ALLOWED:	6/5/19 (ALT @ ERI) (J. Lester)

MOST K:	4, 6/5 @ ERI
MOST BB:	2, 2x, last - 5/25 @ POR
SCORELESS STREAK:	13.1, 6/9-pres.
LONG SCORELESS STK:	13.1, 6/9-pres.

SAVE OPPS:	0/1
INHERITED/STRANDED:	9/7 (78%)
FIRST BATTER RETIRED %:	15/20 (75%)
CURVE RECORD WHEN PITCHING:	14-6
ACQUIRED:	5th Round (2016) - Merced College

CURRENT NOTES: Has allowed just three earned runs in first 20 Double-A appearances (31.0 innings)...Has not allowed an earned run in his last 10 appearances (13.0 IP) with 13 strikeouts and only four walks since 6/14

2019 NOTES: Began the season with A-Adv. Bradenton...Pitched in seven games and turned in six scoreless efforts...Allowed one earned run over 7.2 innings (1.17 ERA) with no decisions and two saves...Assigned to Double-A Altoona on 5/4...Made Double-A debut on 5/4 @ RIC and fired two scoreless innings with two strikeouts...Did not allow a run over first seven Double-A appearances, spanning 12.1 innings, from 5/4-5/25...Pitched 16.1 innings without an earned run allowed until 6/5 @ ERI when Josh Lester hit a solo homer, but Cederlind earned his first Double-A win after a season-high four strikeouts and three innings of work...Went 2-0 with a 1.19 ERA in 28.0 IP in 19 games between A-Adv. Bradenton and Double-A Altoona in first half...Placed on Temporary Inactive List for bereavement on 6/26 and activated on 7/1...Earned third win after 1.1 scoreless innings with two strikeouts in 3-2 comeback win on 7/7 vs. ERI

CAREER NOTES: Selected in the fifth round by the Pirates in 2016 out of Merced (Calif.) College...Attended Turlock (Calif.) High School, the same high school that produced former Curve infielder Kevin Kramer...Pitched 21.2 innings at junior college level before getting drafted...Made professional debut with Rookie-level Bristol in 2016 and tossed 17.1 innings over six starts before landing on the injured list for remainder of the season in August...Spent first full season as a pro with Single-A West Virginia Power in 2017, going 2-3 with a 7.76 ERA in 25 outings (seven starts)...Split 2018 between Single-A West Virginia and A-Adv. Bradenton, going a combined 4-4 with a 4.89 ERA in 49.2 innings over a career-best 36 appearances...*For more on Cederlind, see Page 29 of the Curve Media Guide*

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/15 v. TRN	–	1.0	0	0/0	0/0
7/12 @ ERI	H(4)	2.0	0	0/0	1/0
7/7 v. ERI	W(3)	1.1	0	0/0	2/1

#38 Joel Cesar

Bats: Right Throws: Right

Ht/Wt: 5-11/191

LAST OUTING:	7/15 vs. TRN
LONG OUTING (PEN):	2.0, 7x, last -- 7/3 @ AKR
LAST WIN:	7/3/19 (ALT @ AKR)
LAST SAVE:	5/7/19 (BRD @ CLR)
LAST HR ALLOWED:	6/11/19 (ALT vs. POR) (B. Dalbec)

MOST K:	4, 5/18 vs. HBG
MOST BB:	1, 4x, last - 6/29 vs. BNG (1)
SCORELESS STREAK:	1.1, 7/11-pres.
LONG SCORELESS STK:	9.1, 5/11-5/31

SAVE OPPS:	—
INHERITED/STRANDED:	5/2 (40%)
FIRST BATTER RETIRED %:	10/15 (67%)
CURVE RECORD WHEN PITCHING:	6-9
ACQUIRED:	International FA (2015)

CURRENT NOTES: Four of last five outings have been scoreless (1 ER/6.2 IP)

2019 NOTES: Began the season with A-Adv. Bradenton...Ranked tied for third with five saves at the time of promotion to Double-A Altoona on 5/9...Combined on four hitless innings over three outings with two saves to start the season...Allowed one run over 12.1 innings with the Marauders...Gave up one run during three-inning appearances on 4/18 vs. JUP and earned the win...Allowed one hit over 4.1 scoreless innings before promotion...Made Double-A debut and earned hold in two innings of work on 5/11 vs. ERI and allowed one run, a solo homer on his second batter faced...Made spot-start on 5/14 @ BIN (2) and pitched a scoreless first inning with three walks and one strikeout...Pitched 9.1 straight scoreless innings from 5/11-5/31 between solo homers...Earned first Double-A win on 6/11 vs. POR, giving up one run in two innings...Went 3-1 with a 2.63 ERA in 27.1 IP in 19 games between A-Adv. Bradenton and Double-A Altoona in first half...Hit with second loss and first blown save on 6/21 @ HFD on a two-out, two-run double by Vance Vizcaino...Earned second Double-A win after two scoreless innings in 6-4 comeback win on 7/3 @ AKR

CAREER NOTES: Signed by the Pirates as an international free agent on 10/30/15...Made professional debut with DSL Pirates during 2016 season...Made stateside debut in 2017 with short-season West Virginia Black Bears and went 1-1 with a 3.67 ERA in 22 appearances while holding New York-Penn League hitters to a .165 average...Pitched first full season with Single-A West Virginia Power in 2018 and went 2-1 with a 3.15 ERA in 29 games out of the bullpen

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/15 v. TRN	–	1.0	0	0/0	1/0
7/12 @ ERI	H(4)	2.0	0	0/0	2/0
7/7 v. ERI	W(2)	2.0	2	0/0	1/0

#2 Austin Coley (@AustinColey)

Bats: Right Throws: Right

Ht/Wt: 6-2/203

LAST OUTING:	7/15 vs. TRN
LONG OUTING (PEN):	2.0, 2x, last -- 7/15 vs. TRN
LAST WIN:	7/4/19 (ALT vs. ERI)
LAST SAVE:	—
LAST HR ALLOWED:	6/22/19 (ALT @ HFD) (B. Serven)

MOST K:	3, 7/11 @ ERI
MOST BB:	2, 2x, last -- 7/15 vs. TRN
SCORELESS STREAK:	0.2, 7/15-pres.
LONG SCORELESS STK:	3.1, 5/31-6/11

SAVE OPPS:	0/1
INHERITED/STRANDED:	—
FIRST BATTER RETIRED %:	2/7 (28%)
CURVE RECORD WHEN PITCHING:	3-4
ACQUIRED:	8th Round (2014) - Belmont

CURRENT NOTES: Converted 26 consecutive regular-season save opportunities dating back to 8/3/18...Ranks tied for second in the E.L. with 18 saves...Has not allowed a run in 29 of his 32 Double-A outings this season...17 straight scoreless appearances (17 IP)...Has recorded a save in 13 of last 15 outings and has allowed just nine hits in that span...29 Double-A saves rank tied for second in Curve history

2019 NOTES: Tossed a scoreless ninth inning with two strikeouts on Opening Day on 4/4 @ AKR...Earned first save of the season on 4/6 @ AKR to complete a 2-0 shutout victory...Earned second save a day later with scoreless inning on 4/7 @ AKR, working back-to-back days for the second time in his pro career...Notched third save with 1-2-3 eighth on 4/20 @ RIC (2)...Gave up four runs on three hits and two walks in eighth inning but earned a win on 4/28 vs. RIC...Tossed a season-high two scoreless innings on 5/3 @ RIC...Assigned to Triple-A Indianapolis on 5/9 and made Triple-A debut on 5/10 @ LHV, allowing four runs without recording an out...Rejoined the Curve roster on 5/16...Used as an opener on 5/25 @ POR and allowed five runs in the first inning and shouldered the losing decision in a 5-3 defeat...Gave up walk-off grand slam to Tate Matheny with two outs in ninth in 7-3 loss on 5/27 @ POR...Allowed nine earned runs over back-to-back outings on 5/25 (opener) and 5/27 @ POR (relief) to raise ERA from 2.40 to 7.02...Went 1-2 with a 5.16 ERA and went 9/9 in save opp. in 22.2 IP in 21 games in first half...Worked consecutive days for third time in pro career on 6/18 and 6/19 vs. HBG, earning saves after scoreless ninth innings of each outing...Picked up 22nd Double-A save on 6/24 @ RIC, moving into a tie for fifth-most in Curve history with Tate Scioaneaux (2017-19) and Justin Kaye (2005)...Threw a six-pitch ninth inning on 6/27 vs. BNG for his 23rd career save for the Curve to take sole possession of fifth-place all time...Tied Noah Krol (2011) for fourth on the Curve's all-time saves list with his 24th Double-A save on 6/30 vs. BNG...Picked up 14th save and 25th of Double-A career to take sole possession of fourth place in club history by working out of a bases-loaded, one-out jam with a one-run lead on 7/1 @ AKR...Moved into third place in club history on 7/12 @ ERI with a 1-2-3 ninth inning to record 28th save in Double-A career, all with the Curve

CAREER NOTES: Selected in the 21st round of the 2016 draft out of Saint Louis University...Two-time All-State as a high school athlete at St. James Academy in Lenexa, Kan...Finished college career with 24 wins and a 2.56 ERA, each second-best in Billikens baseball history, in addition to 13 career saves, third-most in program history...Went 9-4, matching the school's single-season record for wins, with a 3.12 ERA over 15 starts as a senior in 2016...Spent first professional season as a starter with Appalachian League-affiliated Bristol and went 5-3 with a 2.76 ERA, second-best ERA in the league, and a league-leading 0.97 WHIP over 13 outings and 11 starts...Served as a reliever for most of 2017 season while spending the entire season with the Single-A West Virginia Power, going 5-6 with a 4.63 ERA...Started 2018 with A-Adv. Bradenton and appeared in 17 games with the Marauders and carried a 4-0 record, 2.28 ERA and six saves as a Florida State League All-Star...Elevated to Double-A Altoona on 6/29...Went 1-1 with a 1.82 ERA and 11 saves, fifth-most in the Eastern League...Led the Pirates organization with 17 total saves in 2018...Pitched in the Arizona Fall League for the Surprise Saguaros after 2018 season...*For more on Eckelman, see Page 33 of the Curve Media Guide*

LAST THREE APP.					
DATE	W/L	IP	H	R/ER	K/BB
7/15 v. TRN	S(18)	1.0	0	0/0	1/1
7/12 @ ERI	—	1.0	2	0/0	2/0
7/7 v. ERI	S(16)	1.0	0	0/0	1/0

PITCHER NOTES

#17 Yeudy Garcia (@garciayeudy781)

Bats: Right Throws: Right

Ht/Wt: 6-2/220

LAST OUTING:	7/15 vs. TRN
LONG OUTING (PEN):	3.0, 3x, last -- 6/21 @ HFD
LAST WIN:	7/26/18 (ALT vs. BIN)
LAST SAVE:	4/5/19 (ALT @ AKR)
LAST HR ALLOWED:	7/13/19 (ALT @ ERI) (K. Eaves)

MOST K:	4, 2x, last -- 6/21 @ HFD
MOST BB:	5, 5/12 vs. ERI
SCORELESS STREAK:	3.0, 7/13-pres.
LONG SCORELESS STK:	12.0, 6/5-7/2

SAVE OPPS:	1/3
INHERITED/STRANDED:	6/2 (33%)
FIRST BATTER RETIRED %:	12/21 (57%)
CURVE RECORD WHEN PITCHING:	11-10

ACQUIRED: International FA (2013)

CURRENT NOTES: In 21 relief appearances, holds 4.50 ERA (19 ER/38.0 IP)...In his last 11 outings since June 2, Garcia has a 2.84 ERA (6 ER/19.0 IP) with 16 strikeouts

2019 NOTES: Locked down final three outs of the ninth on 4/5 @ AKR for the save in season debut...Tossed three hitless, scoreless innings with three strikeouts and earned a hold on 4/8 @ ERI...Allowed an unearned run in the 11th inning on 4/11 vs. AKR before the Curve rallied to tie the game in the bottom of the frame and won in the 12th...Pitched two perfect innings of relief and fanned a season-high four batters on 4/23 @ HBG...After 61 straight relief appearances from 2017-2019, made two starts, totalling 5.1 innings and allowed eight runs...Went 0-1 with a 6.46 ERA in 30.2 IP in 16 games in first half...Matched a season-best three innings of work out of the bullpen on 6/21 @ HFD that included three of four strikeouts to escape a bases-loaded jam during the sixth inning

CAREER NOTES: Signed by the Pirates as an international free agent on 10/12/13...Spent professional debut season with the DSL Pirates in 2014...Had a breakout season with the Single-A West Virginia Power in 2015, leading the South Atlantic League with a 2.10 ERA while going 12-5...Named as the Pirates' Minor League Pitcher of the Year in 2015 and the ninth-best prospect in the South Atlantic League by Baseball America...Spent all of 2016 with A-Adv. Bradenton Marauders, working as a starter for 25 of his 26 outings...Ranked second in the Florida State League in 2016 with 127 strikeouts and fifth with a 2.76 ERA...Began 2017 in the starting rotation for Double-A Altoona...Went 2-5 with a 6.50 ERA in 11 starts in 2017...Moved to the bullpen full-time in early-July and posted a 2.96 ERA (8 ER/24.1 IP) and added three saves over final 15 relief outings...Ranked as the Pirates No. 26 prospect by Baseball America entering the 2018 season...Played entire 2018 season with Altoona, going 2-5 with a 5.23 ERA and 68 strikeouts, second-most among relievers, in 53.1 innings...*For more on Garcia, see Page 36 of the Curve Media Guide*

#32 Angel German

Bats: Right Throws: Right

Ht/Wt: 6-4/241

LAST OUTING:	7/17 vs. TRN
LONG OUTING (PEN):	2.0, 4x, last - 7/14 @ ERI
LAST WIN:	7/17/19 (ALT vs. TRN)
LAST SAVE:	6/3/19 (ALT @ ERI)
LAST HR ALLOWED:	7/14/19 (ALT @ ERI) (J. Azocar)

MOST K:	3, 3x, last - 6/22 @ HFD
MOST BB:	4, 5/15 @ BNG
SCORELESS STREAK:	2.0, 7/14-pres.
LONG SCORELESS STK:	10.1, 5/15-6/22

SAVE OPPS:	2/3
INHERITED/STRANDED:	3/1 (33%)
FIRST BATTER RETIRED %:	20/26 (77%)
CURVE RECORD WHEN PITCHING:	13-13

ACQUIRED: Trade (2017) - LAD

CURRENT NOTES: Has logged 12 scoreless outings over last 16 games (15.2 IP) since 5/19 but has given up six earned runs in 12.2 IP (4.26 ERA) over his last seven outings since 6/22

2019 NOTES: Made Double-A debut and threw scoreless eighth inning during a 2-0 shutout win on 4/6 @ AKR... Allowed game-winning run on sac fly in eighth inning of 2-1 loss on 4/16 vs. HBG...Allowed three runs, including two home runs, in two innings on 4/18 @ RIC...Worked three straight scoreless outings from 4/29-5/6, totalling four innings...Earned first Double-A win after scoreless eighth inning on 5/19 vs. HBG...Struck out the side in order in the ninth and earned his second win on 6/1 vs. NH...Earned second save with scoreless ninth inning in 9-8 comeback win on 6/3 @ ERI...Worked five consecutive hitless, scoreless outings from 5/19-6/3...Went 2-1 with a 4.50 ERA in 22.0 IP in 19 games in first half...Drove ERA down from 7.62 to 4.50 with nine straight scoreless appearances from 5/19-6/17

CAREER NOTES: Originally signed by the Dodgers as an international free agent on 4/18/13...Spent professional debut season with the DSL Dodgers in 2013 and returned in 2014...Made stateside debut in 2015 with the AZL Dodgers...Transitioned to the bullpen on a full-time bases for the 2016 season...Assigned to the Single-A Great Lakes Loons on 6/4/16 and made 20 outings before being sent back to the AZL...Broke camp with Great Lakes to start the 2017 season and dominated over 21 games, holding a 1.91 ERA in 21 outings...Did not allow a run over his first 11 relief outings in 2017...Traded along with SS Oneil Cruz to the Pirates on 7/31/17 in exchange for LHP Tony Watson...Reported to Single-A West Virginia Power for the remainder of the season and made nine more appearances out of the bullpen, allowing just two runs over 10 innings...Spent all of 2018 with the A-Adv. Bradenton and led the staff with 35 relief appearances...Allowed 29 of 34 runs on the season in a span of 6.1 frames to balloon ERA to 6.92 for the season and outweighed 23 scoreless outings...*For more on German, see Page 38 of the Curve Media Guide*

#49 Jesus Liranzo (@TheSushi07)

Bats: Right Throws: Right

Ht/Wt: 6-2/225

LAST OUTING:	7/17 vs. TRN
LONG OUTING (PEN):	2.0, 7/13 @ ERI
LAST WIN:	7/13/19 (ALT @ ERI)
LAST SAVE:	4/10/19 (IND @ TOL)
LAST HR ALLOWED:	6/12/19 (IND @ BUF) (S. Brito)

MOST K:	2, 7/4 vs. ERI
MOST BB:	3, 2x, last -- 7/17 vs. TRN
SCORELESS STREAK:	4.0, 7/4-pres.
LONG SCORELESS STK:	4.0, 7/4-pres.

SAVE OPPS:	0/2
INHERITED/STRANDED:	5/3 (60%)
FIRST BATTER RETIRED %:	4/6 (67%)
CURVE RECORD WHEN PITCHING:	3-3

ACQUIRED: Waivers - LAD (2018)

CURRENT NOTES: In 14 games with Altoona in 2018-19, he is 2-0 with a 0.47 ERA (1 ER/19.0 IP), 23 strikeouts and 10 hits allowed

2019 NOTES: A member of the Pirates' 40-man roster, made four MLB Spring Training outings and pitched four scoreless outings...Opted on 3/12 to Triple-A Indianapolis...Began the season with the Tribe went 0-3 with a 8.36 ERA in 21 games...Designated for assignment on 5/27 to make room for former Orioles organization teammate Yefry Ramirez, who was acquired in a trade for cash from Baltimore...Outrighted to Triple-A Indianapolis on 6/5...Went 0-3 with a 8.36 ERA in 21 games for Indianapolis...Assigned to Double-A Altoona on 6/22...Made season debut with Curve and three scoreless inning on 6/26 @ RIC...Earned win after throwing scoreless ninth inning in 4-3 walkoff win on 6/29 vs. BNG (2)...Picked up second win on 7/13 @ ERI with two scoreless innings and a 10-7 win in extras

CAREER NOTES: Claimed off waivers by the Pirates on 4/5/2018 from the Los Angeles Dodgers...Traded to the Dodgers from the Baltimore Orioles on 4/2/2018 in exchange for LHP Luis Ysla...Originally signed as an international free agent by the Atlanta Braves in on 5/4/2012...Signed by Baltimore on 7/6/2013...Released by the Braves in June 2013 and made Orioles organization debut on 7/13 vs. DSL Braves...Missed 2014 season due to elbow surgery...Rehabbed with DSL Orioles in 2015...Made U.S. debut in 2016 with Single-A Delmarva on 5/22 @ LWD...Held South Atlantic League hitters to a .109 batting average and a 1.05 ERA over 16 outings and fanned 42 in 32.1 innings...Promoted to Double-A Bowie on 7/29/16 and made Double-A debut on 7/29 @ AKR...Made 27 total appearances in 2016, all in relief, with a 1-1 record and 1.87 ERA...Added to the Orioles 40-man roster after the 2016 season to protect him from Rule 5 draft...Spent all of 2017 with the Bowie and set career-best numbers with 31 appearances, including 12 games as an opener, 65 innings pitched and 75 strikeouts...Participated in the Arizona Fall League after the 2016 and 2017 seasons...Rated as the Orioles No. 19 prospect according to Baseball America entering the 2018 season...Split first season in the Pirates organization between Double-A Altoona and Triple-A Indianapolis...Only pitcher in the Eastern League that worked at least ten innings and did not allow a run (0 R/12 IP)...Made 32 appearances for Indianapolis and went 3-2 with a 5.00 ERA, striking out 47 hitters in 45 innings...Held a 3.32 ERA in late August before he allowed 10 earned runs in his last three games to balloon the ERA to 5.00

#27 Beau Sulser

Bats: Right Throws: Right

Ht/Wt: 6-2/195

LAST OUTING:	7/16 vs. TRN
LONG OUTING (PEN):	5.0, 6/11 vs. POR
LAST WIN:	7/1/19 (ALT @ AKR)
LAST SAVE:	7/5/19 (ALT vs. ERI)
LAST HR ALLOWED:	6/28/19 (ALT vs. BNG) (B. Barnes)

MOST K:	4, 3x, last -- 6/24 @ RIC
MOST BB:	2, 2x, last -- 6/24 @ RIC
SCORELESS STREAK:	0.1, 7/16-pres.
LONG SCORELESS STK:	16.0, 4/6-5/6

SAVE OPPS:	2/3
INHERITED/STRANDED:	5/4 (80%)
FIRST BATTER RETIRED %:	19/23 (83%)
CURVE RECORD WHEN PITCHING:	14-9

ACQUIRED: 10th Round (2017) - Dartmouth

CURRENT NOTES: Tied for seventh in E.L. and tied for sixth in Pirates organization with seven wins...Worked multiple innings in 21 of 23 total appearances...Pitched 17 scoreless outings

2019 NOTES: 2019 EASTERN LEAGUE ALL-STAR...Began the season on A-Adv. Bradenton roster but did not pitch...Assigned to Double-A Altoona on 4/6 and earned the win in Double-A debut after 2.1 hitless innings of a 2-0 Curve victory...Fired a scoreless seventh and picked up second win on 4/20 @ RIC (2) as the Curve won, 1-0, in extra innings...Did not allow a hit until sixth appearance on 4/24 @ HBG but picked up third win and struck out four in two scoreless frames...After 16 scoreless innings to start the season, allowed a solo homer to Ademar Rifaeta on 5/6 vs. BOW...Logged 3.1 scoreless frames and picked up fourth win on 5/10 vs. ERI...After working a 1-2 second inning of relief on 5/14 @ BIN (2), he belted a solo home run to lead off the third...His homer was the first by a Curve pitcher since Alex McRae on 4/30/17 vs. HBG and the seventh all time...Pitched a season-high four scoreless innings on 5/25 @ POR and retired his final eight batters...Allowed just two runs on 13 hits over first 13 games (29.1 innings) of Double-A career from 4/6-5/25...ERA went above 1.00 (1.61) for first time this season on 5/31...Earned first Double-A save with three scoreless innings to combine with Pedro Vasquez for shutout in 3-0 win on 6/4 @ ERI...Pitched a Double-A-high and career-high-tying 5.0 innings, allowing one run, after entering in the second inning in 5-4 win on 6/11 vs. POR...Went 5-0 with a 1.25 ERA and 13 scoreless outings in 43.1 IP in 17 games in first half...Knocked in the go-ahead RBI and reached on a fielder's choice to break a 2-2 tie on 6/24 @ RIC to help earn his sixth winning decision...Worked three scoreless innings, earned second save and combined with Brandon Waddell on 3-0 shutout win on 7/5 vs. ERI...Entered in the seventh inning and retired the only two batters he faced in the Western division's 5-0 win in the EL All-Star Game on 7/10...Handed first loss of season after giving up two runs in two innings on 7/16 vs. TRN

CAREER NOTES: Drafted by the Pirates in the 10th round (298th overall) in 2017 out of Dartmouth College...Attended Ramona (Calif.) High School and was a three-time letterman...Over four years at Dartmouth, compiled a 13-7 record and 3.48 ERA over four-year career including a 6-1 record and 1.40 ERA over seven starts as a senior...2017 Ivy League Pitcher of the Year...Brother, Cole, is a pitcher in the Rays organization and was drafted by the Indians in the 25th round out of Dartmouth in 2015...Started pro career with short-season West Virginia Black Bears in 2017 and went 2-4 with a 5.31 ERA in 18 appearances with six starts...Spent all of 2018 in the Single-A West Virginia Power bullpen and compiled a 2.35 ERA and 5-8 record...Led all SAL relievers with the lowest walk rate (0.47) and fewest baserunners (7.85) per nine innings...Ranked fourth among Pirates minor leaguers with eight saves in 2018

2019 STREAKS/PITCHING SUPERLATIVES

7+ STRIKEOUTS GAMES

James Marvel (9), 4/4 @ AKR
Cam Vieux (7), 4/17 vs. HBG
Dario Agrazal (8), 4/22 @ HBG
Cam Vieux (10), 5/22 @ NH
James Marvel (8), 5/24 @ POR
James Marvel (7), 6/3 @ ERI

Pedro Vasquez (8), 6/9 vs. AKR
James Marvel (9), 6/19 vs. HBG
Pedro Vasquez (7), 6/22 @ HFD
James Marvel (8), 6/25 @ RIC
Pedro Vasquez (7), 6/28 vs. BNG
Brandon Waddell (7), 7/5 vs. ERI
Brandon Waddell (7), 7/12 @ ERI

15+ INNING SCORELESS STREAKS

James Marvel, 20.2, 4/15-5/1
Beau Sulser, 16.0, 4/6-5/6
Matt Eckelman, 17.0, 6/2-7/17
Brandon Waddell, 17.0, 6/29-7/17
E.L. PITCHER OF THE WEEK

James Marvel, 4/15-21

SHUTOUTS BY CURVE

9

Date	Score	Hits	Pitcher(s)
4/4 @ AKR	5-0	2	Marvel, Campos, Hightower, Eckelman
4/6 @ AKR	2-0	4	Vieux, Sulser, German, Eckelman
4/20 @ RIC (1)	2-0	1	Marvel
4/20 @ RIC (2)	1-0	1	Vasquez, Sulser, Eckelman
4/26 vs. RIC	7-0	4	Marvel, Brentz, Campos
6/4 @ ERI	3-0	8	Vasquez, Sulser
6/8 vs. AKR(1)	6-0	4	Robles
7/5 vs. ERI	3-0	5	Waddell, Sulser
7/12 @ ERI	1-0	5	Waddell, Cederlind, Eckelman

9

SHUTOUTS BY OPPONENTS

8

Date	Score	Hits	Pitcher(s)
4/13 vs. AKR (1)	7-0	4	Plesac, Angulo
4/17 vs. HBG	2-0	4	Sharp, Condra-Bogart, Baez
4/22 @ HBG	1-0	6	Crowe, Baez, Barrett</td

POSITION PLAYER NOTES

#14 Jason Delay (@jdelay5)

Bats: Right Throws: Right

Ht/Wt: 5-11/200

CURRENT HIT STREAK: 1 game, 7/16-pres.

LONGEST HIT STREAK: 6 games, 5/3-5/12

STARTS (POSITION): C (42)

STARTS (ORDER): 5th (2), 6th (2), 7th (24), 8th (14)

CURRENT ON-BASE STREAK: 1 game, 7/16-pres.

LONG ON-BASE STREAK: 11 games, 4/17-5/12

LAST HR: 6/4/19 (ALT @ ERI) (J. Navilhon)

PINCH-HITTING: --

MULTI-HIT GAMES: 10

ACQ: 4th Round (2017) - Vanderbilt

- CURRENT NOTES: Hitting .134 (11/82) with one home run and six RBIs in last 24 games since 5/21 after hitting .489 (23/47) with 16 RBIs previous 13 games from 4/23-5/19

- 2019 NOTES: 2019 EASTERN LEAGUE ALL-STAR...Made Double-A debut on 4/6 @ AKR and went 0-for-3 with a strikeout...Recorded first Double-A hit with RBI, infield single on 4/8 @ ERI...Led a 10-7 comeback on 5/3 @ RIC with first career three-RBI game that included his first Double-A homer, a solo shot...Reached base in all five plate appearances on 5/4 @ RIC by going 4-for-4 with a walk...Drove in a career-high four RBIs that included a go-ahead, three-run homer during an 8-4, comeback win on 5/10 vs. ERI...Hit .444 (16/36) with two homers, four doubles, one triple, 12 RBIs and five walks during 11-game on-base streak from 4/17-5/12 and hit .523 (12/23) with seven extra-base hits and nine RBIs on six-game hitting streak from 5/3-5/12...Recorded second four-hit game of the season on 5/19 vs. HBG by going 4-for-4 with two doubles, two RBIs and knocked in the eventual game-winning run during eighth inning...Hit .489 (23/47) with four homers, six doubles, 16 RBIs, seven multi-hit games including two four-hit games and five multi-RBI games in 13-game span from 4/23-5/19...Hit .270 with 13 extra-base hits and 24 RBIs in 31 games in first half...Went 1-for-2 with a single off the bench in the Western division's 5-0 win in the EL All-Star Game on 7/10

- CAREER NOTES: Drafted by the Pirates in the fourth round (335th overall) in 2016 out of Vanderbilt...Attended Northview High School in Duluth, Ga. and was a four-year letterman...Teammates at Vanderbilt with Pirates outfielder Bryan Reynolds and won the 2014 College World Series...Hit .276 with 45 doubles and 108 RBIs over four years at Vanderbilt from 2014-17...Highest drafted Commodores catcher since Scotti Madison (third round) in 1980...Started professional debut season with the Bristol Pirates and hit .252 over 29 games...Played final five games of the season with the short-season West Virginia Black Bears...Played all of 2018 with the A-Adv. Bradenton Marauders and hit .247 with seven extra-base hits in 67 games...*For more on Delay, see Page 32 of the Curve Media Guide*

#6 Robbie Glendinning

Bats: Right Throws: Right

Ht/Wt: 6-1/201

CURRENT HIT STREAK: 2 games, 7/16-pres.

LONGEST HIT STREAK: 7 games, 6/23-6/29 (1)

STARTS (POSITION): 2B (1), SS (17), 3B (11), DH (2)

STARTS (ORDER): 1st (2), 3rd, (3), 4th (15), 6th (9), 8th (2)

CURRENT ON-BASE STREAK: 2 games, 7/16-pres.

LONG ON-BASE STREAK: 7 games, 6/23-6/29 (2)

LAST HR: 6/27/19 (ALT vs. BNG) (A. Church)

PINCH-HITTING: .000, (0/4)

MULTI-HIT GAMES: 9

ACQ: 21st Round (2017) - University of Missouri

- CURRENT NOTES: Leads Pirates organization with .324 average (min. 300 plate appearances) between A-Adv. Bradenton and Double-A Altoona...31-for-102 (.303) with two home runs, one triple, six doubles, 21 RBIs and nine walks in 28 games since returning to Double-A on 6/13...Hitting .268 (11/41) last 11 games

- 2019 NOTES: 2019 FLORIDA STATE LEAGUE ALL-STAR...Made Double-A debut on 4/4 @ AKR and went 2-for-3 with two singles and a stolen base off the bench on Opening Night...Made first Double-A start on 4/6 @ AKR and delivered a two-out, RBI single in the fifth inning during a 2-0 Curve win...Hit first Double-A homer, a solo shot to right on 4/9 @ ERI...Hit .300 over first 10 games...Assigned to A-Adv. Bradenton on 4/18 and played 43 games with the Marauders...Set a career best with four RBIs on 4/19 vs. JUP with a solo homer during the sixth inning and a three-run triple in the seventh...Hit first career grand slam to tie the game at 7-7 in the fifth inning on 5/16 vs. FTM and matched a career-high with four RBIs...Hit safely in 10 straight games from 5/25-6/4 and batted .488 (14/36) with a pair of homers, five RBIs and three doubles...10-game hitting streak was the longest of his pro career...Promoted to Double-A Altoona on 6/13...At time of promotion, he led the Florida State League in batting average (.340), slugging percentage (.599) and OPS (.992) while ranked second in on-base percentage (.393), third in extra-base hits (25) and fourth in homers (8) and doubles (16)...Homered in first game back with the Curve on 6/14 @ BNG during a 2-for-4 night and a 6-2 victory...Walked three times on 6/17 vs. HBG...Hit two-run homer to cap off four-run third in 6-3 comeback win on 6/27 vs. BNG...Hit .433 (13/30) with eight RBIs on seven-game hitting streak from 6/23-6/29(2)...Hit go-ahead, two-run RBI double in top of eighth in 5-4 win on 7/1 @ AKR...Hit game-tying RBI double in four-run eighth inning of 6-4 comeback win on 7/3 @ AKR...Hit walk-off, two-run double to complete three-run 10th in 6-5 comeback win on 7/4 vs. ERI, his first career walk-off hit...Went 3-for-4 with three singles on 7/17 vs. TRN

- CAREER NOTES: Drafted by the Pirates in the 21st round (628th overall) in 2017 out of the University of Missouri...Born in Perth, Australia and is the seventh player from Down Under to play for the Curve and the first since RHP Sam Street in 2018...Attended Carine Senior High School in Australia...Began college career at Northern Iowa Area Community College and set career records in hits, homers, doubles, runs and at-bats as the team reached the NJCAA World Series both years...Played summer college baseball for the Dodge City A's of the Jayhawk League in 2015 and appeared in two games for the Wareham Gatemen of the Cape Cod League in 2016...Hit .274 in his only season at Missouri and added seven homers and 13 doubles...Opened pro career with the short-season West Virginia Black Bears and batted .198 over 29 games...Hit .250 over his first 25 games with the Black Bears in 2018 and was promoted to the Single-A West Virginia Power on 7/19 for the remainder of the season...Swung the bat at a .282 clip in 34 games with the Power...Played winter ball in the Australian Baseball League in the 2017-18 and 2018-19 campaigns for his hometown Perth Heat...Named Australian Baseball League Rookie of the Year for the 2018-19 season after hitting .364, fourth-best in the league, with the Heat...Also added three homers, nine doubles and 25 RBIs in 28 games

#23 Logan Hill (@HillSan33)

Bats: Right Throws: Right

Ht/Wt: 6-3/226

CURRENT HIT STREAK: 2 games, 7/16-pres.

LONGEST HIT STREAK: 8 games, 5/12-5/19

STARTS (POSITION): 1B (5), LF (33), RF (1), DH (29)

STARTS (ORDER): 4th (57), 5th (11)

CURRENT ON-BASE STREAK: 14 games, 6/8-pres.

LONG ON-BASE STREAK: 16 games, 5/2-5/19

LAST HR: 7/13/19 (ALT @ ERI) (D. Carlton)

PINCH-HITTING: --

MULTI-HIT GAMES: 19

ACQ: 25th Round (2015) - Troy University

- CURRENT NOTES: Ranked seventh in the E.L. with an .818 OPS and eighth with a .455 slugging percentage...24 doubles between Double-A Altoona and Triple-A Indianapolis are tied for the most in the Pirates organization...Hitting .311 (14/45) with eight extra-base hits and 11 walks on current 14-game, Double-A on-base streak...8-for-21 (.381) with two home runs, one triple and one double last six games

- 2019 NOTES: Opening Day starter as the DH, batted fifth, and went 0-for-4 with three strikeouts on 4/4 @ AKR...Notched first RBI on first hit of the season during the first inning on 4/6 @ AKR to break an 0-for-6 start through first two games...Finished a three-hit game with a two-out, go-ahead RBI double on 4/7 @ AKR...Started at first base for the first time as a pro and went 4-for-5 with a homer, two doubles, a single and two late-inning RBIs in a 6-3 Curve win on 4/8 @ ERI...Went 9-for-15 (.600) over a four-game hitting streak from 4/6-4/9 with a homer, three doubles and four RBIs...Robbed what would have been a go-ahead, two-run home run from Spencer Kieboom at the left field wall during the top of the sixth inning at PNG Field on 4/16 vs. HBG...Reached base safely in all four plate appearances with two walks and two hits, including a double, on 5/12 vs. ERI...Hit .407 (24/59) with eight multi-hit games, 15 RBIs and 14 runs scored over 16-game on-base streak from 5/2-5/19 that included an eight-game hitting streak in which he batted .552 (16/29) with six multi-hit games and nine RBIs...Finished a homer shy of the cycle during a 3-for-4 performance on 6/1 vs. NHM...Hit a three-run triple and totaled four RBIs in 6-0 win on 6/8 vs. AKR(1)...Promoted to Triple-A Indianapolis for the first time in his career on 6/13...Batted .184 (9/49) over 14 games with two homers, three RBIs and four doubles...Assigned back to Double-A Altoona on 7/5...Went 0-for-9 in first three games back with Curve before he ripped a solo homer on 7/12 @ ERI for the only run of a 1-0 Curve win...Hit a two-run homer on 7/13 @ ERI to give Curve a three-run top of the 10th in a 10-7 win in extras...Went 4-for-4 with a triple and three singles on 7/16 vs. TRN...Totaled season-high four RBIs, drove in tying run in go-ahead eighth inning and went 2-for-3 in 6-5 comeback win on 7/17 vs. TRN

- CAREER NOTES: Drafted by the Pirates in the 25th round in 2015 out of Troy University...Attended Washington High School in Pensacola, Fla...Began college career at Jefferson Davis Community College in Brewton, Ala., where he was a two-time all-conference selection and named to the NJCAA National Team after sophomore season in 2014...Played junior season at Troy University and ranked in the top ten in the Sun Belt in batting average (.354), hits (73), RBIs (42), stolen bases (13), slugging percentage (.549) and on-base percentage (.440)...Began professional career with short-season West Virginia Black Bears in 2015 and finished ninth in the league in average (.297) and third in homers (7)...Named NYPL Player of the Month in July 2015 and was a 2015 New York-Penn League Mid-Season All-Star...Spent most of 2016 with the Single-A West Virginia Power and tied for second on the team with 11 home runs...Began 2017 with A-Adv. Bradenton and was selected as a Florida State League Mid-Season and Post-Season All-Star...Led FSL with 16 homers at time of promotion to Double-A...Hit by a pitch on 7/26/17 @ REA that broke his hand and ended his season...Played for Glendale in the Arizona Fall League in 2017...Played entire 2018 season with Altoona...17 home runs ranked third in the Pirates' system while 72 RBIs finished second...Tied a franchise record by drawing four walks in a game on 7/2 @ AKR and also homered...Hit .264 (48/182) over his last 53 games to raise batting average from .196 to .228...35 home runs over 2017-18 seasons were the most among all players in the Pirates organization...*For more on Hill, see Page 41 of the Curve Media Guide*

#7 Bligh Madris (@Bligh_Guy)

Bats: Left Throws: Right

Ht/Wt: 6-0/208

CURRENT HIT STREAK: --

CURRENT ON-BASE STREAK: --

LAST HR: 7/3/19 (ALT @ AKR) (J. Stephens)

LONGEST HIT STREAK: 6 games, 4x, last - 7/2-7/11

LONG ON-BASE STREAK: 12 games, 4/22-5/4

PINCH-HITTING: .000, (0/2)

STARTS (POSITION): LF (1), RF (77), DH (7)

MULTI-HIT GAMES: 25

STARTS (ORDER): 1st (1), 2nd (6), 3rd (39), 5th (21), 6th (18)

ACQ: 9th Round (2017) - Colorado Mesa University

- CURRENT NOTES: Hitting .290 (40/138) with four home runs, nine doubles, 24 RBIs and 10 runs in last 39 games since 6/2...Hitting .326 (15/46) with nine RBIs and five multi-hit games in last 12 games since 7/2

- 2019 NOTES: Made Double-A debut as the Opening Day right fielder and went 1-for-4 with a double as the third batter in the order on 4/4 @ AKR...Doubled twice and recorded first Double-A RBI during a five-run fifth inning on 4/5 @ AKR...Hit game-tying, solo homer, his first at Double-A, to ignite four-run fourth inning on 4/8 @ ERI...Delivered walk-off, RBI single in the 12th inning to give the Curve a 3-2 victory in their home opener on 4/11 vs. AKR...Hit game-winning, two-run double to break 6-6 tie during 8-6 win on 4/28 vs. RIC...Went 13-for-29 (.448) with three doubles, five RBIs and five multi-hit games on six-game hitting streak from 4/22-4/28...Drew first walk of the season on 4/29, his 22nd game of the season...Hit .341 (15/44) during 12-game on-base streak from 4/22-5/4 with three doubles, five RBIs and seven walks...Started first game from the leadoff spot on 5/25 @ POR...Hit go-ahead, solo homer in top of ninth to cap off five-run rally in 9-8 comeback win on 6/3 @ ERI...Went 5-for-11 with three doubles in three-game series from 6/11-13 vs. POR...Hit go-ahead, two-run homer on 6/15 @ BNG...Hit .251 with 3 homers, 14 doubles and 22 RBIs in 64 games in first half...Hit .400 (14/35) with two homers, four doubles and five multi-hit games on 10-game on-base streak from 6/11-6/22...Hit game-winning, two-run homer off Jordan Stephens to break 4-4 tie in four-run eighth inning of 6-4 comeback win on 7/3 @ AKR...Hit go-ahead, two-run double in sixth inning, recorded Curve's only two hits and drove in all three runs in 3-2 comeback win on 7/7 vs. ERI...Reached base in 11 straight games from 6/29-7/12 and hit .333 (13/39)...Went 3-for-4 with two doubles, two RBIs and a single on 7/15 vs. TRN

- CAREER NOTES: Drafted by the Pirates in the ninth round (268th overall) in 2017 out of Colorado Mesa University...Attended Foothill High School in Henderson, Nev. where he was a two-time all-state selection...In final year at Colorado Mesa, he batted .422 with 17 homers while his 67 RBIs and .757 slugging percentage ranked in the top 10 nation-wide among all players at the Division II level...Spent entire debut professional debut season with the short-season West Virginia Black Bears and hit .270 while leading the Black Bears with 13 doubles, 61 hits and 36 runs scored...Named New York-Penn League Player of the Week on 7/23/17 with .476 average and five extra-base hits...Played the entire 2018 season with A-Adv. Bradenton for his first full season of pro ball...Average dipped to .238 with career-high nine homers and five triples with 53 RBIs...Connected on three walk-off hits in 2018: game-winning single on 4/22 vs. FTM, a single on 8/5 vs. CLR in the 10th inning and his first career walk-off home run on 8/21 vs. CHA...*For more on Madris, see Page 48 of the Curve Media Guide*

POSITION PLAYER NOTES

#24 Gift Ngoepe

Bats: Right Throws: Right

Ht/Wt: 5-8/200

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 1 game, 6/30
STARTS (POSITION): SS (9)
STARTS (ORDER): 8th (2), 9th (7)

CURRENT ON-BASE STREAK: 1 game, 7/15-pres.
LONG ON-BASE STREAK: 6 games, 6/30-7/7

LAST HR: 6/4/19 (LHV @ PAW) (B. Johnson)
PINCH-HITTING: --
MULTI-HIT GAMES: 1
ACQ: MiLB Free Agent (2019)

- CURRENT NOTES: Has walked eight times in last seven games

- 2019 NOTES: Signed by the Phillies in January with an invite to spring training...Hit .221 with five home runs and 21 RBIs in 41 games with Triple-A Lehigh Valley before being released on June 20...Signed a minor league contract with the Pirates on June 27, 2019...Scored game-winning run as the placed runner in ninth inning of 4-3 walk-off win on 6/29 vs. BNG (2)

- CAREER NOTES: Signed by the Pirates as an international free agent on October 10, 2008...Reached Double-A Altoona for the first time in 2013, playing in 72 games and batted .177...Spent all of 2014 with the Curve, hitting .238 with career-best 17 doubles, nine triples, nine home runs and 52 RBIs over 131 games...Returned to Altoona for 2015 and batted a career-best .260 before he was moved up to Triple-A Indianapolis for first time and missed most of the last two months of the year with an oblique strain...Became the first African-born player to play Major League Baseball when he debuted for the Pirates on 4/26/17 and singled in his first plate appearance...Hit .222 with six RBIs in 28 games with Pirates in 2017...Traded from the Pirates to the Blue Jays on November 20, 2017...Played in 13 games with Blue Jays in 2018...Released by Toronto on 8/13/18...His younger brother, Victor, is an infielder in the Pirates minor league system with short-season West Virginia and was signed in January 2016

#41 Jared Oliva (@Jared_Oliva41)

Bats: Right Throws: Right

Ht/Wt: 6-2/203

CURRENT HIT STREAK: 5 games, 7/13-pres.
LONGEST HIT STREAK: 6 games, 6/3-6/8(2)
STARTS (POSITION): LF (1), CF (70), DH (3)
STARTS (ORDER): 1st (44), 2nd (5), 3rd (25)

CURRENT ON-BASE STREAK: 5 games, 7/13-pres.
LONG ON-BASE STREAK: 14 games, 6/3-6/18

LAST HR: 7/14/19 (ALT @ ERI) (A. Castro)
PINCH-HITTING: .000, (0/1), HBP, RBI
MULTI-HIT GAMES: 24
ACQ: 7th Round (2017) - University of Arizona

- CURRENT NOTES: Ranked tied for first in the Pirates organization with 26 stolen bases and tied for third with a .278 average (min. 300 plate appearances)...Second in E.L. with 26 stolen bases, ninth with a .369 OBP, fifth with 49 runs and tied for sixth with nine hit-by-pitch...Converted 18 straight stolen base attempts since 6/9...Leads E.L. in OBP (.453) and batting average (.365) since 6/3 while he has reached base in 35 of last 38 games with a 19 extra-base hits, 16 multi-hit games, 31 runs scored, 18 walks and 23 RBIs...Hitting .477 (21/44) with one home run, 11 RBIs, 15 runs and nine stolen bases last 12 games since 7/2

- 2019 NOTES: Made Double-A debut as the Opening Day leadoff hitter and center fielder on 4/4 @ AKR...Walked in only plate appearance and was removed from the game after an outfield collision with left fielder Bralin Jackson in bottom of first inning...Placed on the 7-day injured list on 4/5 for a concussion and was activated on 4/15 after missing nine games...Singled and doubled in first two at-bats of home debut on 4/15 vs. HBG, his first game after coming off the injured list...Stole first Double-A base in first game of a double-header on 4/20 @ RIC (1)...Knocked in lone run of the game in eighth inning on 4/20 @ RIC (2), his first Double-A RBI that aided a double-header sweep in Richmond...Hit first Double-A home run, a lead-off shot to start the game, on 5/3 @ RIC...Hit game-tying solo homer in top of ninth in 7-3 loss on 5/27 @ POR...Hit solo homers for third and fourth long balls of season in back-to-back morning games on 6/4 and 6/5 @ ERI...Went 3-for-7 with an RBI double and three runs in double-header sweep on 6/8 vs. AKR...Hit go-ahead RBI single in seventh inning and went 2-for-4 in 5-4 win on 6/11 vs. POR...Recorded first three-hit game at Double-A with double and two singles and reached safely all four times on 6/18 vs. HBG...Hit .222 with 4 homers, 14 RBIs and 12 SBs in 53 games in first half...Hit .296 (16/54) with two home runs, two doubles, five RBIs, 10 runs, six walks and two HBP during 14-game on-base streak from 6/3-6/18 to end first half...Went 3-for-5 with a double, run and two RBIs on 6/23 @ HFD...Went 2-for-5 with a two-run single and a double on 6/28 vs. BNG...Went 3-for-4 with solo HR, two singles, two runs and stolen base on 6/30 vs. BNG...Hit .296 with 12 extra-base hits, 12 RBIs and went 9/9 in stolen base attempts in 27 June games...Scored game-winning run and went 3-for-5 on 7/4 vs. ERI...Set a career high with five RBIs and went 3-for-5 on 7/13 @ ERI including a go-ahead, RBI single that scored the placed runner from second to start the 10th...Hit a two-run homer, his sixth of the season, and reached base safely four times on 7/14 @ ERI...Went 2-for-3 with two triples and scored three runs in 6-5 comeback win on 7/17 vs. TRN

- CAREER NOTES: Drafted by the Pirates in the seventh round (208th overall) in 2017 out of the University of Arizona...Father, David, played five pro seasons in the Red Sox organizations while his uncle, Steve, played four years of pro ball in the Braves and Angels organizations...Brother, Nicholas, played defensive end at New Mexico State University...Attended Valencia High School in Santa Clarita, Calif. where he was teammates with Brewers top prospect Keston Hiura...Hit .280 in 172 games over three seasons at Arizona, including a .321 mark in 2017 with 54 RBIs and 25 doubles...Played first professional season with the short-season West Virginia Black Bears and tied for the NYL lead with seven triples and hit .266 with 15 steals...Batted .275, 10th-best in the Florida State League, as A-Adv. Bradenton's primary leadoff hitter in 2018...33 stolen bases in 2018 finished third among Pirates minor leaguers...Named a Pittsburgh Organization All-Star by MiLB.com after the season...Tabbed as the "Best Defensive Outfielder" in the Pirates system by *Baseball America* prior to the 2019 season...Ranked No. 11 by MLB.com and No. 19 by *Baseball America* among the Top 30 Pirates prospects before the season...*For more on Oliva, see page 53 of the Curve Media Guide*

#53 Arden Pabst (@arden_pabst)

Bats: Right Throws: Right

Ht/Wt: 6-1/210

CURRENT HIT STREAK: 1 game, 7/17-pres.
LONGEST HIT STREAK: 4 games, 4/22-4/28
STARTS (POSITION): C (50)
STARTS (ORDER): 6th (1), 7th (28), 8th (21)

CURRENT ON-BASE STREAK: 1 game, 7/17-pres.
LONG ON-BASE STREAK: 4 games, 4/22-4/28

LAST HR: 6/30/19 (ALT vs. BNG) (M. Blackham)
PINCH-HITTING: --
MULTI-HIT GAMES: 8
ACQ: 12th Round (2016) - Georgia Tech

- CURRENT NOTES: Only E.L. catcher without an error and at least 200 innings caught...11-for-60 (.183) with one home run and four RBIs last 18 games since 6/15

- 2019 NOTES: Started at catcher on Opening Day, 4/4 @ AKR, and drove in the first runs of the season with a two-run single to left field...Recorded first multi-hit game with a double and triple in 2-for-4 night on 4/18 @ RIC...Hit a two-RBI triple to cap off five-run third inning in 8-2 win on 5/18 vs. HBG...Hit first home run of season, a two-run shot, and went 2-for-5 in 9-8 comeback win on 6/3...Homered in second straight game on 6/5 @ ERI, a solo shot to center, during a 3-for-4 day...Hit .232 with 12 extra-base hits and 16 RBIs in 36 games in first half...

- CAREER NOTES: Drafted by the Pirates in the 12th round of the 2016 draft out of Georgia Tech...Attended Harvard-West Lake High School (North Hollywood, Calif.) as a four-year letterman and two-time captain...Same high school notable major leaguers LHP Max Fried, RHP Lucas Giolito, RHP Jack Flaherty, OF Brennan Boesch and former Pirates LHP pitcher Nick Turley...Hit .248 with five doubles, four homers and 19 RBIs in 41 game as a junior at Georgia Tech in 2016...As a junior in 2015, led the ACC in caught-stealing percentage (.44.5) and caught stealing (25), which was also the most by a Yellow Jackets catcher since Matt Wieters had 22 in 2007...Made professional debut with short-season West Virginia Black Bears in 2016 and hit .225...Spent entire 2017 season with Single-A West Virginia Power and hit .242 with four homers, 12 doubles and 24 RBIs...2018 Florida State League All-Star...Hit .264 (61/231) between Bradenton, Altoona and Indianapolis with new career-high totals in home runs (10), RBIs (36), doubles (14) and triples (2)...*For more on Pabst, see Page 55 of the Curve Media Guide*

#3 Brett Pope (@BdPope13)

Bats: Left Throws: Right

Ht/Wt: 5-11/181

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 6 games, 5/2-5/12
STARTS (POSITION): 2B (8), 3B (7), SS (27), DH (1)
STARTS (ORDER): 1st (4), 2nd (4), 7th, (2), 8th (23), 9th (10)

CURRENT ON-BASE STREAK: --
LONG ON-BASE STREAK: 7 games, 6/2-6/12

LAST HR: 6/23/18 (WVP @ HIC) (A.J. Alexy)
PINCH-HITTING: .077, (1/13), 2B, RBI, BB
MULTI-HIT GAMES: 8
ACQ: 22nd Round (2017) - Western Carolina University

- CURRENT NOTES: Hitting .272 (22/81) with seven RBIs and six walks in last 31 games since 5/22...Has hit safely in 8 of 14 while going 10-for-36 (.278)

- 2019 NOTES: Made Double-A debut on 4/5 @ AKR and collected first Double-A hit in second plate appearance...Started season batting .071 (2/28) through first 12 games of the season...Recorded first multi-hit game of season with 2-for-5 day on 4/24 @ HBG...Connected on an RBI double to put the Curve within one during a 10-7 comeback win on 5/3 @ RIC...Hit .343 (12/35) and hit safely in nine of 10 games from 4/24-5/11 with three multi-hit games and three doubles to raise batting average to .222...Went 0-for-19 over seven games from 5/14-5/22...Had a perfect day at the plate on 5/28 @ TRN, going 3-for-3 with three singles and an RBI to finish a five-run fourth inning...Hit game-tying, RBI single in seventh inning of 5-4 win on 6/11 vs. POR...Hit .210 in 45 games in first half...Hit game-tying, pinch-hit RBI double down the left field line in the eighth inning on 6/28 vs. BNG

- CAREER NOTES: Drafted by the Pirates in the 22nd round (658th overall) in 2017 out of Western Carolina...Attended West Iredell High School in Statesville, N.C. where he hit .393 over his career, was a three-time all-conference selection and owns the program's all-time record with 56 stolen bases for a career...Started all 51 games as a freshman at Western Carolina and batted .270...Missed most of his sophomore season in 2016 due to a broken hand but still hit .323...Returned to action in the NCAA Tournament and was named to the Clemson Regional All-Tournament Team after hitting .615 (8-for-13)...Hit .342 as a junior in 2017 and was named Second Team All-Southern Conference...Began professional career with the short-season West Virginia Black Bears and hit .205 in 39 games...Started 2018 with the Single-A West Virginia Power where he hit .274 before being promoted to the A-Adv. Bradenton Marauders on 6/29...Went a career-best 4-for-4 with an RBI on 7/13 @ DBT

POSITION PLAYER NOTES

#13 Alfredo Reyes

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 3 games, 2x, last -- 7/2-7/5
STARTS (POSITION): 2B (9), 3B (7), SS (13), CF (8)
STARTS (ORDER): 1st (3), 2nd (9), 8th (12), 9th (14)

Bats: Right **Throws: Right**

Ht/Wt: 6-2/179

CURRENT NOTES: Hitting .255 (13/51) with six extra-base hits, five multi-hit games and two stolen bases over last 17 games since 6/18 after holding a .136 (11/81) average with one extra-base hit, a pinch-hit triple, over first 28 games of the season

- 2019 NOTES: Opening Day starter at shortstop and nine hitter on 4/4 @ AKR...Moved to center field in the first inning after Jared Oliva was removed from the game due to injury and went 1-for-4 with an RBI single in the fourth inning...Assigned to Triple-A Indianapolis on 4/11...Played in two games for the Indians and went 1-for-7 before returning to Curve roster on 4/18...Returned to Triple-A Indianapolis from 4/20-5/3 and played in six games before returning to the Curve on 5/4...Reached base in all five plate appearances with two singles, three walks and an RBI on 5/8 vs. BOW...Went 2-for-5 with two singles, two stolen bases, one RBI and one run on 6/18 vs. HBG...Hit .151 in 29 games in first half...Hit first home run of season, a solo shot, and went 2-for-3 on 6/23 @ HFD...Went 3-for-5 with two doubles and scored a run on 6/25 @ RIC...Went 2-for-4 with two doubles and two runs scored on 6/28 vs. BNG

- CAREER NOTES: Selected by the Pirates in the minor league (Triple-A) phase of the 2015 Rule 5 draft from the Mets...Originally signed by New York (NL) as an international free agent in November 2010 and spent the 2011-2015 seasons in the Mets organization...Spent 2011-2013 seasons in Dominican Summer League before splitting the 2014 season between the GCL Mets and short-season Brooklyn...Began 2015 in extended spring training and reported to A-Adv. St. Lucie on 5/31 and was sent to short-season Brooklyn on 6/19...Played first full season after joining the Pirates organization for 2016 season with the West Virginia Power...Stole 28 bases in 2016, third-most in the Pirates organization and led the Power, and hit .199 in 97 games...In 2017, Reyes spent the entire season with the Bradenton Marauders and hit .232 with 24 stolen bases, third-most in the Pirates' system...Entered the 2017 season rated by Baseball America as having the "Best Infield Arm" in the Pittsburgh minor league system...Began 2018 with Bradenton and was named a 2018 Florida State League Mid-Season All-Star, his first all-star nomination of his professional career...Promoted to Double-A Altoona on 6/29...Assigned to the Indianapolis Indians on 7/16 for two games before returning to the Curve roster on 7/22...Had a second stint in Triple-A for four games between 8/2-8/9 before rejoining the Curve again on 8/10...Crushed a grand slam during a five-run fourth inning for his first Double-A home run on 8/23 vs. HBG...Hit .286 over three levels and drew 50 walks...Tied Cole Tucker for the most stolen bases in Pittsburgh's minor league system (35)...**For more on Reyes, see Page 56 of the Curve Media Guide**

#10 Chris Sharpe (@Chris_Sharp19)

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 3 games, 2x, last -- 6/29(2)-7/1
STARTS (POSITION): LF (20), CF (3)
STARTS (ORDER): 2nd (23)

Bats: Right **Throws: Right**

Ht/Wt: 6-1/195

CURRENT NOTES: Ranked fourth in Pirates organization with 15 stolen bases between A-Adv. Bradenton and Double-A Altoona...Hitting .267 with career-highs 10 homers, 47 RBIs and 21 doubles between A-Adv. Bradenton and Double-A Altoona

- 2019 NOTES: **2019 FLORIDA STATE LEAGUE ALL-STAR**...Began the season with A-Adv. Bradenton...Made A-Adv. debut as Opening Day starter in left field for Marauders on 4/4 and delivered a sacrifice fly in the fifth for the game's only run...Sputtered over first nine games, going 2-for-26 (.077) from 4/4-4/14...Broke out for FSL Player of the Week for 4/15-4/21 with five multi-hit games and batted .478 (11/23) with five extra-base hits, including his first two homers of the season...After finishing April with a .240 average, batted .299 over 26 games in May...Hit first career grand slam during the seventh inning on 5/28 vs. LAK...Doubled in five straight games from 6/6-6/10...Recorded a career-high five RBIs on 6/9 @ DUN during a 3-for-4 day that included a first inning single, a two-run single in the second and a two-run double in the seventh...Selected to the Florida State League All-Star Game on 6/15, appeared as a pinch-hitter in the sixth inning and popped out in his only plate appearance...Batted .397 (29/73) from 5/26-6/19, the last 21 games with A-Adv. Bradenton with seven multi-hit games...Promoted to Double-A Altoona on 6/20...At the time of call-up, ranked second in the Florida State League with .385 on-base percentage, third with a .836 OPS, sixth with a .292 batting average, fourth with 15 steals and 17 doubles, sixth with 66 hits, eighth with 24 extra-base hits and third with eight hit-by-pitch...Also hit five home runs for the Marauders...Made Double-A debut on 6/21 @ HFD in left field and second in the batting order...Doubled to left in first at bat with the Curve and singled in second plate appearance...Crushed first Double-A home run in second game on 6/22 @ HFD to tie the game, 3-3, before the Yard Goats rebounded for a 7-3 win...Hit walk-off single in bottom of ninth on 6/29 vs. BNG (2)...Hit go-ahead grand slam, the second of his career, onto the hill in left field in six-run fourth inning during 8-5 win on 6/30 vs. BNG...Hit game-tying, two-run double in top of the eighth and went 2-for-4 with three RBIs in 5-4 win on 7/1 @ AKR...Drove in three runs with a two-run homer and an RBI single in 6-5 comeback win on 7/4 vs. ERI...Broke 0-for-15 slide with a double in the fifth inning on 7/13 @ ERI...Went 2-for-4 with a double and scored two runs on 7/14 @ ERI...Went 2-for-5 with a solo homer on 7/16 vs. TRN

- CAREER NOTES: Selected by the Pirates in the 14th round (418th overall) of the 2017 draft out of the University of Massachusetts-Lowell...Attended Burlington (Mass.) High School before a post-graduate year at Bridgton (Maine) Academy High School...After batting .228 as a freshman at UMass Lowell, led the River Hawks club with a .338 average as a draft-eligible sophomore and belted a team-best seven homers and 16 doubles over 33 games...21st player drafted in UMass Lowell program history...Spent professional debut season with short-season West Virginia Black Bears in 2017 and batted .234 over 39 games...Played the entire 2018 with Single-A West Virginia Power and hit .263 with four homers and 28 RBIs...Spent 7/19-8/30 on the injured list

#31 Jerrick Suiter (@jerricksuiter)

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 8 games, 5/22-5/31
STARTS (POSITION): 1B (86), DH (1)
STARTS (ORDER): 3rd (11), 4th (17), 5th (4), 6th (46), 7th (9)

Bats: Right **Throws: Right**

Ht/Wt: 6-2/253

CURRENT NOTES: Leads E.L. with six sacrifice flies...6-for-24 last five games and has hit safely in four of six

- 2019 NOTES: Opening Day starter at first base and cleanup hitter on 4/4 @ AKR and delivered a two-run single in the fifth while going 2-for-3 with a walk...After batting .367 (11/30) through his first eight games of the season, batted .152 (7/46) with two doubles and two RBI through the remaining 15 games of April as average dropped to .237...During 2-for-4 performance on 5/3 @ RIC, delivered go-ahead RBI single during a four-run ninth for the Curve in a 10-7 comeback win...Hit .348 (8/23) with two multi-hit games, two doubles, five RBIs and three walks on six-game hitting streak from 5/1-5/6...Drove home all three runs the Curve scored during a three-game series from 5/21-23 @ NHH, including his first homer of the season...Erased T-0 deficit in second inning on 5/26 @ POR with a two-run homer off Brian Johnson on MLB rehab for the Red Sox...Hit safely in 21 of 26 starts in month of May, batting .295 (28/95) with two home runs, four doubles, 19 RBIs, six multi-hit games and six multi-RBI games...Hit .367 (11/30) with two homers, one double, six RBIs and three two-hit games during season-high eight-game hitting streak from 5/22-5/31...Reached base safely in 12 straight games from 5/22-6/5...Hit .241 with 2 homers and 28 RBIs in 65 games in first half...Went 3-for-4 with three singles on 6/23 @ HFD...Hit his third home run of season, a solo shot, on 6/27 vs. BNG...Hit .385 (10/26) on seven-game hitting streak from 6/22-6/28...Went 2-for-30 over eight games between 6/30-7/11...Connected for three hits and a two-run homer, his fourth of the season, on 7/13 @ ERI...Hit go-ahead, RBI fielder's choice grounder in two-run eighth inning in 6-5 comeback win on 7/17 vs. TRN

- CAREER NOTES: Selected in the 25th round by the Toronto Blue Jays in 2011 out of Valparaiso (Ind.) HS but did not sign...Played three seasons at TCU, entering as a two-way baseball player and a two-sport athlete...Briefly played wide receiver on TCU's football team...Made six pitching appearances as a freshman, including two starts...Played every position except second base and shortstop during his college career...Drafted by the Pirates in the 26th round in 2014...Has split time between first base, left field and right field in his professional career...Ranked second in the Appalachian League in walks and third in on-base percentage during professional debut season in 2014...Was Bradenton's everyday first baseman in 2016...Missed start of 2017 with injury...Assigned to Bradenton on 4/25 and hit .237 with four RBIs over 10 games with Marauders...Promoted to Double-A Altoona on 5/7...2017 Altoona Curve Unsung Hero...Led team with .285 batting average, .372 on-base percentage and .819 OPS...Hit .299 (84/281) with 10 homers and 49 RBIs over final 79 regular-season games from 6/2-9/4...Hit .204 with two homers, 13 doubles and 27 RBIs in 67 games with the Indianapolis Indians in 2018

#19 Mitchell Tolman (@MitchellTolman)

CURRENT HIT STREAK: --
LONGEST HIT STREAK: 7 games, 6/29(2)-7/6
STARTS (POSITION): 2B (74), 3B (2), DH (5)
STARTS (ORDER): 1st (30), 2nd (19), 3rd (1), 6th (4), 7th (27)

Bats: Left **Throws: Right**

Ht/Wt: 5-10/195

CURRENT NOTES: Ranked first among E.L. second basemen with .979 fielding percentage...Has hit safely in 30 of last 37 games while hitting .281 (39/139) with nine extra-base hits, 11 RBIs and nine multi-hit games since 6/3...Has reached base in 18 of last 19 games...Hitting .195 (8/41) with eight walks last 11 games

- 2019 NOTES: Collected the Curve's first hit of the season and went 1-for-4 as the Opening Day starter at second base...Hit first home run of season, a ninth-inning solo blast, on 4/9 @ ERI to break 0-for-12 slide at the plate...Recorded first multi-hit game of season with pair of singles on 4/16 vs. HBG...Went 4-for-11 over four-game hitting streak from 4/20-4/23...Hit first triple and double of season, was hit by a pitch and added an RBI in 2-for-3 night on 4/26 vs. RIC...Hit a solo homer, his second of season, and an RBI triple in 3-for-4, two-RBI day on 4/28 vs. RIC...Went 3-for-3 with solo HR, scored three runs and reached base safely all four times in first game batting leadoff on 5/16 vs. HBG...Went 6-for-13 over first three games in leadoff role from 5/16-5/18 before 2-for-19 in following five and slotted in three-hole on 5/25...Reached base in all four plate appearances on 5/26 @ POR with two walks and two doubles, including a three-run double off the Maine Monster during a four-run third...Went 3-for-5 with a double, two walks and a run in 9-8 comeback win on 6/3 @ ERI...During a double-header on his 25th birthday on 6/8 vs. AKR, Tolman had an RBI in game one and delivered the game-winning RBI single in the bottom of the sixth during game two to aid the double-header sweep for the Curve...Went 3-for-4 with two doubles and an RBI on 6/13 vs. POR...Compiled a season-best hitting streak of five games from 6/8 (2)-6/13 and batted .444 (8/18)...Hit .248 with 3 homers and 20 RBIs in 65 games in first half...Smacked an opposite-field, solo homer to start the fifth inning on 6/21 @ HFD to tie the game, 5-5, before the Curve claimed a lead that would be lost in the eighth inning of a 7-6 defeat...Went 3-for-4 with an RBI, walk and stolen base on 6/29 vs. BNG (2)...Hit .306 with 10 RBIs and went 7/8 in stolen base attempts in 26 games in June...Reached base safely 15 times (seven hits, eight walks) in six-game stretch from 6/24-6/29...Hit .279 (17/61) with 15 walks for a .429 on-base percentage and scored 14 runs on season-best 17-game on-base streak from 6/24-7/15

- CAREER NOTES: Drafted by the Pittsburgh Pirates in the 7th round of the 2015 MLB Draft out of Oregon...Started all 62 games during his last year with the Ducks and hit .325 with 20 doubles, three homers, 24 RBI and 43 runs scored...Was first-team All-Pac-12 in 2015...Named to the Pac-12 All-Conference team as a sophomore in 2014 after hitting .315 with two home runs and 49 RBI, playing third base, first base and designated hitter...Made pro debut in 2015 for the West Virginia Black Bears...Reached base safely in 28 straight games, from 5/19-6/24, the second-longest on-base streak by a South Atlantic League player in 2016 while playing for the West Virginia Power...Led SAL second baseman in games (119), assists (335) and double plays (81) in 2016...Overall hit .265 with eight home runs and 48 RBIs in 2016...Played most of the 2017 season with the Bradenton Marauders and hit .267 with nine homers, 19 doubles and a team-best 62 RBIs...Finished fourth in the FSL in runs scored (66) and led second basemen in fielding percentage (.978)...Promoted to Altoona on 9/3...Hit a walk-off, three-run homer in the 12th inning of the regular-season finale on 9/4 vs. HBG...Batted .333 (8/24) during the Curve's run to the 2017 Eastern League title...Served a 50-game suspension to start the 2018 season...Spent the entire season with Bradenton and batted .250 with 16 doubles over 68 games...**For more on Tolman, see Page 65 of the Curve Media Guide**

BATTERS BREAKDOWN

MULTI-HIT GAMES

MULTI-RBI GAMES

HOME RUN BREAKDOWN

PLAYER	TOT	2H	3H	4H	5+	TOT	2BI	3BI	4BI	5+BI	TOT	2R	3R	GS	PH	LAST
Stephen Alemais	3	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jason Delay	10	7	1	2	--	7	5	1	1	--	5	1	1	--	--	6/4 @ ERI
Robbie Glendinning	9	6	3	--	--	8	8	--	--	--	3	2	--	--	--	6/27 vs. BNG
Logan Hill	19	13	4	2	--	11	7	2	2	--	6	1	--	--	--	7/13 @ ERI
Bralin Jackson	10	9	--	1	--	3	3	--	--	--	--	--	--	--	--	--
Bligh Madris	25	21	4	--	--	11	9	2	--	--	5	3	--	--	--	7/3 @ AKR
Gift Ngoepe	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jared Oliva	24	18	6	--	--	5	4	--	1	--	6	1	--	--	--	7/14 @ ERI
Hunter Owen	20	17	3	--	--	9	3	4	1	1	15	3	2	1	--	6/15 @ BNG
Arden Pabst	8	8	--	--	--	5	5	--	--	--	3	1	--	--	--	6/30 vs. BNG
Ryan Peurifoy	1	1	--	--	--	--	--	--	--	--	1	--	--	--	--	5/25 @ POR
Brett Pope	8	7	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Alfredo Reyes	6	5	1	--	--	--	--	--	--	--	1	--	--	--	--	6/23 @ HFD
Chris Sharpe	6	6	--	--	--	5	2	2	1	--	5	2	--	1	--	7/16 vs. TRN
Jerrick Suiter	19	17	2	--	--	10	10	--	--	--	4	2	--	--	--	6/27 vs. BNG
Mitchell Tolman	17	11	6	--	--	3	2	1	--	--	4	--	--	--	--	4/28 vs. RIC
Adrian Valerio	1	1	--	--	--	1	1	--	--	--	--	--	--	--	--	--
Pitchers	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	5/16 vs. HBG
Totals	188	151	31	5	--	78	59	12	5	2	59	15	3	2	--	7/16 vs. TRN

PINCH HITTERS

PLAYER	STATISTICS	LAST PINCH-HIT APP.
Robbie Glendinning	.000, 0/4	6/29 vs. BNG (2)
Bralin Jackson	.154, 2/13, 2 1B, RBI, BB	7/2 @ AKR
Bligh Madris	.000, 0/2	5/27 @ POR
Jared Oliva	.000, 0/2, HBP, RBI	6/29 vs. BNG (2)
Ryan Peurifoy	.100, 1/10, BB	6/27 vs. BNG
Brett Pope	.077, 1/13, 2B, RBI, BB	7/15 vs. TRN
Alfredo Reyes	.333, 1/3, 3B, HBP	7/17 vs. TRN
Chris Sharpe	.000, 0/0, BB	6/28 vs. BNG
Jerrick Suiter	.000, 0/2	5/19 vs. HBG
Mitchell Tolman	.250, 1/4, RBI, HBP	5/14 @ BNG (2)
Adrian Valerio	.000, 0/1, BB	5/15 @ BNG

Totals: **.111, 6/54**

7/17 vs. TRN

PITCHERS AT THE PLATE

PLAYER	AVG	HR	RBI	R	BB	SO	SAC	LAST PA
Agrazal	.000, (0/1)	0	1	0	1	1	2	4/22 @ HBG
Bolton	.500, (1/2)	0	0	0	0	1	0	6/26 @ RIC
Brady	.143, (1/7)	0	0	0	0	2	2	6/29 vs. BNG (2)
Campos	.000, (0/1)	0	0	0	0	1	0	5/3 @ RIC
Eckelman	.000, (0/1)	0	0	0	0	1	0	5/16 vs. HBG
Garcia	.000, (0/2)	0	0	0	1	1	0	5/17 vs. HBG
Hightower	.000, (0/5)	0	1	0	0	4	1	5/17 vs. HBG
Keselica	.000, (0/1)	0	0	0	0	1	0	4/27 vs. RIC
Marvel	.063, (1/16)	0	1	1	1	5	1	6/30 vs. BNG
Robles	.000, (1/6)	0	0	0	0	3	0	6/27 vs. BNG
Sulser	.500, (2/4)	1	2	2	0	0	0	6/24 @ RIC
Vasquez	.214, (3/14)	0	0	2	1	4	1	6/28 vs. BNG
Vieaux	.143, (1/7)	0	0	0	1	3	0	5/16 vs. HBG
Waddell	.333, (1/3)	0	0	0	1	2	0	6/29 vs. BNG (1)

Totals **.157 (11/70)** **1** **5** **5** **6** **25** **9** **6/30 vs. BNG**

OFFENSE BY INNING

INNING	1	2	3	4	5	6	7	8	9	10+	TOTALS
CURVE	36	26	60	59	50	39	26	41	23	8	372
OPPONENT	48	37	45	35	49	54	37	39	19	3	365

EJECTIONS

PLAYER/COACH	DATE	UMPIRE	REASON
Michael Ryan	4/11 vs. AKR (12th)	T. Matsuda	Arguing play at plate
Michael Ryan	5/3 @ RIC (7th)	D. Thomas	Arguing balls and strikes
Michael Ryan	6/3 @ ERI (7th)	T. West	Arguing check swing
Michael Ryan	6/17 vs. HBG (3rd)	A. Higgins	Arguing appeal at third base
Joel Hanrahan	6/29 vs. BNG (2)	J. Gonzalez	Arguing strike zone

HOME-ROAD STATS

Home (25-21)		Road (25-21)	
Average:	.252	Average:	.236
Runs Per Game:	3.9	Runs Per Game:	4.2
Doubles:	68	Doubles:	74
Triples:	10	Triples:	10
Home Runs:	22	Home Runs:	37
Stolen Bases:	32	Stolen Bases:	33
Walks:	139	Walks:	139
Strikeouts:	374	Strikeouts:	438

ALTOONA CURVE COACHING STAFF

Michael Ryan Manager (3rd Season)	Joel Hanrahan Pitching Coach	Jon Nunnally Hitting Coach	Salvador Paniagua Coach	Justin Ahrens Athletic Trainer	Joe Schlesinger Strength Coach
Career Record: 482-437 w/ ALT: 202-168	1st season 3rd overall	1st season 12th overall	1st season 3rd overall	3rd season 10th overall	3rd season 7th overall
Ryan returns for his third season in Altoona after guiding the Curve to back-to-back Western Division championships. In his first season, the Curve captured the 2017 Eastern League title. He also managed the Western Division All-Stars in the 2018 Eastern League All-Star Classic. Ryan started his coaching career as a coach for the Curve in 2012. He is in his seventh season as a manager in the Pirates organization, leading the Bradenton Marauders from 2015-16 and the West Virginia Power from 2014-15. He steered Bradenton to a 70-66 record in 2016 and won the Florida State League championship. Ryan played 15 professional seasons, including five in the majors, after he was a fifth-round draft choice by the Minnesota Twins in 1996.	Hanrahan joins the Curve in 2019 for his third season as a pitching coach in the Pittsburgh minor league system. He started his coaching career with the Bristol Pirates in 2017 and most recently oversaw pitchers for the West Virginia Power last year. Hanrahan was a two-time National League All-Star with the Pittsburgh Pirates in 2011 and 2012 while he served as the team's closer. He was the first Bucs closer to notch 40 saves in a single season and recorded 82 saves, fifth all-time, during four seasons in Pittsburgh. A second-round pick by the Los Angeles Dodgers in 2000, he played 14 total seasons and seven years as a right-handed reliever in the majors.	Nunnally comes to the Curve for his first year in the Pirates organization and 12th season as a coach in professional baseball. During the 2010-11 seasons, he was the hitting coach for the Cleveland Indians under manager Manny Acta. Nunnally spent the last two seasons as the Minor League Outfield and Baserunning Coordinator for the Los Angeles Angels. He has served as a hitting coach in the Indians, Toronto Blue Jays and Boston Red Sox developmental systems with Eastern League stops in New Hampshire (2012, 14) and Portland (2016). As a player, Nunnally was drafted by Cleveland in the third round in 1992 and played 15 seasons. He also played six major league seasons.	Paniagua joins the Curve for his third season as a coach in the Pirates organization. He started his coaching career in 2017 with the Bristol Pirates and was the hitting coach for the Dominican Summer League affiliate last year. He played for 13 years as an international signee out of the Dominican Republic. Paniagua spent parts of six seasons as a member of the Boston Red Sox and New York Mets minor league systems that included Eastern League experience with Portland (2007) and Binghamton (2008-09). He also spent six seasons (2011-16) with the independent York Revolution and is the longest-tenured position player in franchise history.	In his eighth season as a member of the Pittsburgh organization, Ahrens returns to Altoona for a third season in 2019. In 2018, Ahrens was the trainer for the Western Division for the Eastern League All-Star Classic. He spent two years in Bradenton from 2015-16, where he was named Florida State League Athletic Trainer of the Year in 2016. He spent each of the last six seasons on the same staff as manager Michael Ryan. Ahrens received a bachelor's degree in athletic training from Carroll University in 2011, and a master's degree in kinesiology from Fresno Pacific University in 2016.	Schlesinger returns to the Curve for his third season, after making stops at Jamestown, West Virginia and Bradenton within the Pittsburgh system. In 2018, Ahrens was the trainer for the Western Division for the Eastern League All-Star Classic. Prior to joining the Pirates, he served as the strength and conditioning graduate assistant at Duquesne University from 2012-2014. Schlesinger graduated from Toledo with a degree in exercise science in 2011 and completed his master's degree in sports leadership at Duquesne in 2014.

RECORD BREAKDOWNS/HIGHS & LOWS

RECORD BREAKDOWN

	TOTAL	HOME	ROAD
Overall Record	50-42	25-21	25-21
vs. Western Division	38-24	18-14	20-10
vs. Eastern Division	12-18	7-7	5-11
Day Games	13-14	5-8	8-6
Night Games	37-28	20-13	17-15
Day Game After Night	7-12	2-7	5-5
Curve Score 1st	28-12	14-4	14-8
Opponent Scores 1st	22-29	11-17	11-12
Come From Behind Wins	29	14	15
vs. RH Starters	33-31	18-17	15-14
vs. LH Starters	17-11	7-4	10-7
Curve Starter 6.0 + IP	20-15	11-7	9-8
Curve Starter 7.0 + IP	12-3	7-2	5-1
Curve Starter 8.0 + IP	--	--	--
When Hitting a HR	24-13	10-6	14-8
When Not Hitting a HR	26-29	15-16	11-13
Outhit Opponent	29-9	17-2	12-7
Equal # of Hits	6-5	1-3	5-2
Outhit by Opponent	15-28	7-16	8-12
Curve 10+ Hits	21-8	10-5	11-3
Commit 0 Errors	30-21	15-10	15-11
Commit 1 Error	14-19	6-9	8-10
Commit 2+ Errors	6-2	4-2	2-0
Leading After 7th	38-3	20-1	18-2
Trailing After 7th	6-33	2-15	4-18
Tied After 7th	6-6	3-5	3-1
Leading After 8th	40-0	19-0	21-0
Trailing After 8th	3-36	1-17	2-19
Tied After 8th	4-1	3-1	1-0
Extra-Inning Games	5-0	3-0	2-0
Games Played on Same Day	5-5	3-3	2-2
Series Record	15-12-1	8-6-0	7-6-1
One-Run Games	17-13	10-5	7-8
Two-Run Games	9-9	6-7	3-2
3+Run Games	24-20	9-9	15-11
Shutout Record	9-8	3-3	6-5
April Record	12-12	4-7	8-5
May Record	11-17	6-6	5-11
June Record	19-9	11-6	8-3
July Record	8-5	4-2	4-3
August Record	--	--	--
September Record	--	--	--
Monday Record	4-7	0-5	4-2
Tuesday Record	6-9	4-2	2-7
Wednesday Record	6-7	2-4	4-3
Thursday Record	7-3	5-0	2-3
Friday Record	7-6	3-4	4-2
Saturday Record	12-6	6-4	6-2
Sunday Record	8-4	5-2	3-2
1st Game of Series	14-15	7-7	7-8
Last Game of Series	16-12	8-6	8-6
Rubber Game of Series	6-4	4-3	2-1
Getaway Day	9-6	1-0	8-6

VS. EASTERN LEAGUE OPPONENTS

	TOTAL	HOME	ROAD
vs. Akron	10-4	4-3	6-1
vs. Binghamton	6-4	3-2	3-2
vs. Bowie	1-2	1-2	--
vs. Erie	12-7	6-3	6-4
vs. Harrisburg	6-7	5-5	1-2
vs. Hartford	1-2	--	1-2
vs. New Hampshire	1-5	1-2	0-3
vs. Portland	3-4	2-1	1-3
vs. Reading	--	--	--
vs. Richmond	9-4	2-1	7-3
vs. Trenton	1-3	1-2	0-1
TOTALS	50-42	25-21	25-21

2019 STREAKS/OFFENSIVE SUPERLATIVES

10+ GAME HITTING STREAKS

Hunter Owen, 10 games, 5/26-6/7

15+ GAME ON-BASE STREAKS

Logan Hill, 16 games, 5/2-5/19
Mitchell Tolman, 17 games, 6/24-7/15

MULTI-HOMER GAMES

--

BACK-TO-BACK HOME RUNS

Hill & Owen, 6th inning, 5/15 @ BNG
Owen & Madris, 9th inning, 6/3 @ ERI

WALK-OFF WINNERS

Bligh Madris, RBI single (12th inning), 4/11 vs. AKR
Hunter Owen, two-run HR (9th inning), 6/1 vs. NH
Chris Sharpe, RBI single (9th inning), 6/29 vs. BNG (2)
Robbie Glendinning, two-run double (10th inning), 7/4 vs. ERI

2019 SEASON HIGHS/LOWS

TEAM MISCELLANEOUS

LONGEST WINNING STREAK.....	5 games, 4/4-4/8
LONGEST LOSING STREAK.....	6 games, 4/13-4/18
LARGEST MARGIN OF VICTORY.....	7 runs, 3x, last -- 5/16 vs. HBG
LARGEST MARGIN OF DEFEAT.....	10 runs, 2x, last -- 5/12 vs. ERI
LARGEST SHUTOUT WIN.....	7-0, 4/26 vs. RIC
LARGEST SHUTOUT LOSS.....	7-0, 2x, 4/13 vs. AKR (2) & 5/14 (1) @ BNG
LONGEST GAME, TIME.....	3:26, 4/11 vs. AKR
LONGEST 9-INNING GAME TIME.....	3:19, 6/3 @ ERI
SHORTEST 9-INNING GAME TIME.....	1:56, 4/22 @ HBG
LONGEST 7-INNING GAME TIME.....	2:38, 4/13 vs. AKR (2)
SHORTEST 7-INNING GAME TIME.....	1:46, 5/14 @ BNG (1)
LONGEST GAME, INNINGS.....	12, 4/11 vs. AKR
LONGEST HOME GAME, INNINGS.....	12, 4/11 vs. AKR
LONGEST ROAD GAME, INNINGS.....	10, 7/13 @ ERI
LARGEST CROWD, HOME.....	8,806, 7/4 vs. ERI
SMALLEST CROWD, HOME.....	2,171, 4/15 vs. HBG
LARGEST CROWD, ROAD.....	7,959, 4/18 @ RIC
SMALLEST CROWD, ROAD.....	651, 4/10 @ ERI
MOST ERRORS.....	4, 4/27 vs. RIC
MOST ERRORS BY OPPONENT.....	4, 2x, last -- 5/2 @ RIC
MOST CONSECUTIVE GAMES WITHOUT AN ERROR.....	7, 4/5-4/11
MOST LOB.....	14, 2x, last -- 6/17 vs. HBG
FEWEST LOB.....	1, 4/29 vs. ERI

TEAM BATTING

MOST RUNS.....	10, 3x, last - 7/13 @ ERI
MOST RUNS, INNING.....	7, 3rd inning, 5/4 @ RIC
MOST HITS.....	17, 4/24 @ HBG
MOST HITS, INNING.....	6, 4th inning, 4/8 @ ERI
MOST HOME RUNS, GAME.....	3, 4x, 4/9 @ ERI, 5/15 @ BNG, 6/3 @ ERI & 6/30 vs. BNG
MOST HOME RUNS, INNING.....	2, 2x, 6th inning, 5/15 @ BNG & 9th inning, 6/3 @ ERI
MOST CONSECUTIVE GAMES WITH A HOME RUN.....	4, 5/14(2)-5/17
MOST DOUBLES, GAME.....	6, 2x, 4/24 @ HBG & 6/28 vs. BNG
MOST TRIPLES, GAME.....	2, 7/17 vs. TRN
MOST EXTRA-BASE HITS.....	7, 4/28 vs. RIC
MOST STOLEN BASES.....	4, 3x, 4/11 vs. AKR, 7/3 @ AKR & 7/7 vs. ERI
MOST STRIKEOUTS, 9-INNING GAME.....	18, 7/12 @ ERI*
MOST STRIKEOUTS, ALL GAMES.....	18, 7/12 @ ERI
MOST WALKS, ALL GAMES.....	10, 2x, 5/3 @ RIC & 7/14 @ ERI

TEAM PITCHING

MOST RUNS ALLOWED.....	14, 5/12 vs. ERI
MOST RUNS ALLOWED, INNING.....	8, 6th inning, 4/13 vs. AKR (2)
MOST HITS ALLOWED.....	15, 3x, last - 6/3 @ ERI
MOST HITS ALLOWED, INNING.....	7, 6th inning, 4/13 vs. AKR (2)
MOST HOME RUNS ALLOWED.....	4, 4/15 vs. HBG
MOST HOME RUNS ALLOWED, INNING.....	2, 5x, last - 5th inning, 5/5 @ RIC
MOST CONSECUTIVE GAMES ALLOWING A HOME RUN.....	7 games, 5/4-5/11
MOST STRIKEOUTS, 9-INNING GAME.....	13, 4/4 @ AKR & 5/22 @ NHM
MOST STRIKEOUTS, ALL GAMES.....	13, 4/4 @ AKR & 5/22 @ NHM
MOST BASES ON BALLS.....	9, 5/12 vs. ERI
MOST EXTRA-BASE HITS ALLOWED.....	7, 4/5 @ AKR

INDIVIDUAL BATTING

MOST RUNS SCORED.....	3, 8x, last - Jared Oliva, 7/17 vs. TRN
MOST HITS.....	4, 5x, last -- Logan Hill, 7/16 vs. TRN
MOST EXTRA-BASE HITS.....	3, Logan Hill, 4/8 @ ERI
MOST DOUBLES.....	2, 11x, last - Bligh Madris, 7/15 vs. TRN
MOST TRIPLES.....	2, Jared Oliva, 7/17 vs. TRN
MOST HOME RUNS.....	1, several
MOST TOTAL BASES.....	9, Logan Hill, 4/8 @ ERI
MOST RBI.....	5, Hunter Owen, 4/5 @ AKR & Jared Oliva, 7/13 @ ERI
MOST STOLEN BASES.....	2, 7x, last - Jared Oliva, 7/7 vs. ERI
MOST BASES ON BALLS.....	3, 4x, last - Logan Hill, 7/14 @ ERI
MOST TIMES REACHING BASE SAFELY.....	5, Alfredo Reyes, 5/8 vs. BOW
MOST STRIKEOUTS.....	4, 5x, last - Chris Sharpe, 7/7 vs. ERI
LONGEST HITTING STREAK.....	10 games, Hunter Owen, 5/26-6/7
LONGEST ON-BASE STREAK.....	17 games, Mitchell Tolman, 6/24-7/15
LONGEST RBI STREAK.....	5 games, Hunter Owen, 4/23-4/28

INDIVIDUAL PITCHING

MOST INNINGS PITCHED, STARTER.....	7.2, James Marvel, 6/19 vs. HBG
MOST INNINGS PITCHED, RELIEVER.....	5.0, Beau Sulser, 6/11 vs. POR
MOST HITS ALLOWED, STARTER.....	11, Dario Agrazal, 4/10 @ ERI
MOST HITS ALLOWED, RELIEVER.....	8, Beau Sulser, 5/31 vs. NH
MOST STRIKEOUTS, STARTER.....	10, Cam Vieaux, 5/22 @ NH
MOST STRIKEOUTS, RELIEVER.....	4, 7x, last - Blake Cederlind, 6/5 @ ERI
MOST BASES ON BALLS, STARTER.....	4, 2x, last - James Marvel, 5/12 vs. ERI
MOST BASES ON BALLS, RELIEVER.....	5, Yeudy Garcia, 5/12 vs. ERI
MOST EARNED RUNS ALLOWED, STARTER.....	8, James Marvel, 5/12 vs. ERI
MOST EARNED RUNS ALLOWED, RELIEVER.....	6, Tate Scioneaux, 4/13 vs. AKR (2)
MOST CONSECUTIVE SCORELESS IP.....	20.2, James Marvel, 4/15-5/1

GRAND SLAMS

Hunter Owen, 4/5 @ AKR

Chris Sharpe, 6/30 vs. BNG

E.L. PLAYER OF THE WEEK AWARDS

Hunter Owen, 4/22-28

WINS TRAILING/TIED AFTER 8 INNINGS (SCORE)

4/11 vs. AKR (1-1), W 3-2, 12 innings
5/3 @ RIC (7-6), W 10-7
6/1 vs. NHM (3-2), W 4-3
6/3 @ ERI (8-3), W 9-8
6/29 vs. BNG (2), (3-3), W 4-3
7/4 vs. ERI (3-3), W 6-5, 10 innings
7/13 @ ERI (7-7), W 10-7, 10 innings
7/17 vs. TRN (5-4), W 6-5

MISCELLANEOUS STATS

2019 STARTS BY POSITION

Player	C	1B	2B	3B	SS	LF	CF	RF	DH
Alemais	--	--	--	--	12	--	--	--	--
Delay	42	--	--	--	--	--	--	--	--
Glendinning	--	--	1	11	18	--	--	--	2
Hill	--	5	--	--	--	33	--	1	30
Jackson	--	--	--	--	--	32	5	13	1
Madris	--	--	--	--	--	1	--	77	7
Ngoepe	--	--	--	--	9	--	--	--	--
Oliva	--	--	--	--	--	1	70	--	4
Owen	--	--	--	--	64	--	--	1	2
Pabst	50	--	--	--	--	--	--	--	--
Peurifoy	--	--	--	--	--	5	7	--	--
Pope	--	--	8	7	27	--	--	--	1
Reyes	--	--	9	8	12	--	8	--	--
Sharpe	--	--	--	--	--	20	3	--	--
Suiter	--	87	--	--	--	--	--	--	1
Tolman	--	--	74	2	--	--	--	--	5
Valerio	--	--	--	--	15	--	--	--	--

2019 STARTS BY BATTING ORDER

Player	1st	2nd	3rd	4th	5th	6th	7th	8th	9th
Alemais	2	7	3	--	--	--	--	--	--
Delay	--	--	--	--	2	2	24	14	--
Glendinning	2	--	3	15	--	9	--	2	--
Hill	--	--	--	58	11	--	--	--	--
Jackson	4	17	6	1	3	3	1	12	4
Madris	1	6	39	--	22	17	--	--	--
Ngoepe	--	--	--	--	--	--	--	2	6
Oliva	44	5	25	--	--	--	--	--	--
Owen	--	2	4	--	50	11	--	--	--
Pabst	--	--	--	--	--	1	28	21	--
Peurifoy	1	--	--	--	--	--	--	1	10
Pope	4	4	--	--	--	--	2	23	10
Reyes	3	9	--	--	--	--	--	12	14
Sharpe	--	23	--	--	--	--	--	--	--
Suiter	--	--	11	18	4	45	10	--	--
Tolman	31	18	1	--	4	27	--	--	--
Valerio	--	1	--	--	--	--	5	9	--
Pitchers	--	--	--	--	--	--	--	39	--

ERRORLESS STREAKS

Player	Active Strk.	Last Error	Longest Streak
Alemais	12	--	12
Delay	17	5/31 vs. NFM	23
Glendinning	4	7/12 @ ERI	15
Hill	3	6/8 vs. AKR (2)	26
Jackson	52	--	52
Madris	60	4/27 vs. RIC	60
Ngoepe	1	7/11 @ ERI	4
Oliva	71	--	71
Owen	5	6/12 vs. POR	22
Pabst	50	--	50
Pope	23	5/18 vs. HBG	23
Peurifoy	13	--	13
Reyes	6	7/2 @ AKR	13
Sharpe	23	--	23
Suiter	7	7/7 vs. ERI	24
Tolman	8	7/4 vs. ERI	24
Valerio	--	5/27 @ POR	15

OUTFIELD ASSISTS

16

Player	Total	Last Assist
Bralin Jackson	6	6/17 vs. HBG
Bligh Madris	4	7/4 vs. ERI
Jared Oliva	1	5/7 vs. BOW
Ryan Peurifoy	1	5/1 vs. ERI
Chris Sharpe	4	7/15 vs. TRN

CATCHER'S BOX

26-81 (32.1%)

Player	Caught	Att.	Percent	Last CS
Pabst	18	44	41%	7/17 vs. TRN
Delay	8	37	22%	7/13 @ ERI

ERRORS BY POSITION (OUTFIELD ASSISTS)

Left Field

Player	E (A)
Hill	2 (0)
Jackson	0 (3)
Sharpe	0 (3)
Suiter	0 (0)

Shortstop

Player	E
Alemais	0
Glendinning	4
Ngoepe	3
Pope	3
Reyes	2
Valerio	1

Third Base

Player	E
Glendinning	1
Owen	5
Pope	0
Reyes	1
Tolman	0

THE LAST TIME...

Altoona scored 10 or more runs (game).....	10, 7/13/19 at Erie
Altoona scored 10 or more runs (inning).....	10, 8/7/10 at Harrisburg
Altoona scored 15 or more runs (game).....	18, 7/21/15 vs. Erie (G1)**
Opponent scored 10 or more runs (game).....	14, 5/12/19 vs. Erie
Opponent scored 10 or more runs (inning).....	N/A
Opponent scored 15 or more runs (game).....	17, 9/3/18 at Bowie
Altoona collected 15+ hits in a game.....	15, 6/23/19 at Hartford
Altoona collected 20+ hits in a game.....	24, 7/21/15 vs. Erie (1)*
Opponent collected 15+ hits in a game	15, 6/3/2019 at Erie
Opponent collected 20+ hits in a game	20, 9/3/18 at Bowie
Altoona hits an inside-the-park HR.....	Will Craig, 4/10/18 vs. Harrisburg
Altoona hits a walk-off HR.....	Hunter Owen, 2-run home run, 6/1/19 vs. New Hampshire
Altoona hits a pinch-hit HR	Jonathan Schwand, 8/9/17 vs. Reading
Altoona hits a grand slam	Chris Sharpe, 6/30/19 vs. Binghamton
Altoona hits back-to-back HRs.....	Hunter Owen/Bligh Madris, 6/3/19 @ Erie
Altoona hits leadoff HR to start game	Jared Oliva, 5/3/19 at Richmond
Altoona pitcher hits a HR.....	Beau Sulser, 5/14/19 at Binghamton (2)
Opponent hits an inside-the-park HR	Nick Noonan, 5/3/10 at Richmond
Opponent hits a walk-off HR	Tate Matheny, grand slam, 5/27/19 @ Portland
Opponent hits a pinch-hit HR	Art Charles, 6/11/15 at Reading
Opponent hits a grand slam.....	Tate Matheny, 5/27/19 @ Portland
Opponent hits back-to-back HRs.....	Chris Shaw/Jalen Miller, 5/5/19 at Richmond
Opponent hits leadoff HR to start game	Jeremy Rivera, 5/26/19 at Portland
Altoona batter hits for the cycle.....	4/9/13, Andrew Lambo at Akron
Altoona batter records 5+ hits in a game.....	5, 15x, last - Wyatt Mathisen, 8/3/17 vs. Erie
Altoona batter has 5+ RBI in a game	5, Jared Oliva, 7/13/19 at Erie
Opponent batter hits for the cycle.....	Lou Montanez, 8/1/08 vs. Bowie
Opponent batter records 5+ hits in a game	Juan Perez, 4/20/12 vs. Richmond
Opponent batter has 5+ RBI in a game	5, Kody Eaves, 7/13/19 at Erie
Altoona threw a no-hitter (9 IP) (one pitcher).....	N/A
Altoona threw a no-hitter (9 IP) (combined).....	
..... E. Hollingsworth/J. Townsend/J. Ramos/R. Beckman, 7/25/13 at New Hampshire	
Altoona threw a no-hitter (7 IP) (combined).....	
..... C. James/C. Kimball/Z. Zinicola, 6/10/10 vs. Harrisburg (2)	
Altoona threw a complete-game shutout (9 IP).....	Mitch Keller, 9/7/17 at Bowie
Altoona threw a complete-game shutout (7 IP).....	Domingo Robles, 6/8/19 vs. Akron (1)
Altoona threw back-to-back shutouts (team).....	4/20 (1)-4/20 (2)/19 at Richmond
Opponent threw a complete-game shutout (9 IP).....	Casey Mize, 4/29/19 vs. Erie
Opponent threw a complete-game shutout (7 IP).....	Anthony Kay, 5/14/19 @ Binghamton (2)
Opponent threw back-to-back shutouts	5/30-5/31/2014 vs. New Hampshire
Altoona wins in last at bat.....	Hill RBI single, Suiter RBI groundout, 7/17/19 vs. Trenton
Opponent wins in last at bat	Jose Azocar, two-run home run, 7/14/19 @ Erie
Altoona swept double-header.....	6/8/19 vs. Akron
Opponent swept double-header	5/14/19 at Binghamton
Altoona pitcher strikes out:	
10	Cam Vieux, 5/22/19 at New Hampshire
11	Mitch Keller, 9/1/17 vs. Harrisburg
12+	12, Tyler Glasnow, 7/27/15 at Akron
Opponent pitcher strikes out:	
10	Tarik Skubal, 7/12/19 at Erie
11	Tarik Skubal, 7/7/19 vs. Erie
12+	12, Bryan Evans, 6/3/15 vs. New Britain
Altoona turns a triple play	Chase d'Arnaud/Matt Hague (6-3), 5/27/10 at Akron
Opponent turns a triple play	Kellin Deglan/Kyle Holder (2-6), 7/15/19 vs. Trenton

* - Franchise Record

** - Tied Franchise Record

2019 FIRST HALF GAME-BY-GAME

DATE	OPPONENT	TIME/RESULT	REC	PLACE	G (+/-)	WINNER	LOSER	SAVE	TIME	GT TEMP	ATT.
4/4	at Akron	W, 5-0	1-0	T-1st	--	James Marvel (1-0)	Sam Hentges (0-1)	--	2:39	49	5,191
4/5	at Akron	W, 7-6	2-0	1st	+0.5	Dario Agrazal (1-0)	Luke Eubank (0-1)	Yeady Garcia (1)	2:51	56	2,576
4/6	at Akron	W, 2-0	3-0	T-1st	--	Beau Sulser (1-0)	Sean Brady (0-1)	Matt Eckelman (1)	2:29	64	3,188
4/7	at Akron	W, 3-2	4-0	1st	+1.0	Vicente Campos (1-0)	Argenis Angulo (0-1)	Matt Eckelman (2)	2:34	72	4,838
4/8	at Erie	W, 6-3	5-0	1st	+1.0	Pedro Vasquez (1-0)	Logan Shore (0-1)	--	2:24	60	2,229
4/9	at Erie	L, 4-3	5-1	T-1st	--	Joe Navilhon (1-0)	James Marvel (1-1)	Edgar Jimenez (1)	2:27	50	895
4/10	at Erie	L, 5-1	5-2	2nd	-0.5	Matt Manning (2-0)	Dario Agrazal (1-1)	--	2:00	39	651
4/11	Akron	W, 3-2 (12)	6-2	2nd	-1.0	Tate Scioneaux (1-0)	Rob Kaminsky (0-1)	--	3:26	58	5,023
4/12	Akron	-- PPD: RAIN - RESCHEDULED TO APRIL 13 --									
4/13 (1)	Akron	L, 7-0	6-3	2nd	-2.0	Zach Plesac (1-0)	Scooter Hightower (0-1)	--	1:55	68	--
4/13 (2)	Akron	L, 10-7	6-4	2nd	-3.0	Luke Eubank (1-1)	Tate Scioneaux (1-1)	James Karinchak (1)	2:38	71	5,014
4/14	Akron	-- PPD: RAIN - RESCHEDULED TO JUNE 8 --									
4/15	Harrisburg	L, 4-2	6-5	4th	-3.5	Mario Sanchez (2-0)	Vicente Campos (1-1)	--	2:43	42	2,171
4/16	Harrisburg	L, 2-1	6-6	4th	-4.5	Erick Fedde (2-0)	Angel German (0-1)	James Bourque (2)	2:17	64	2,794
4/17	Harrisburg	L, 2-0	6-7	4th	-5.5	Sterling Sharp (2-1)	Cam Vieux (0-1)	Joan Baez (1)	2:03	54	2,777
4/18	at Richmond	L, 8-4	6-8	4th	-6.5	Conner Menez (1-1)	Scooter Hightower (0-2)	--	2:31	80	7,959
4/19	at Richmond	-- PPD: SEVERE WEATHER - RESCHEDULED TO APRIL 20 --									
4/20 (1)	at Richmond	W, 2-0	7-8	4th	-6.5	James Marvel (2-1)	Garrett Williams (0-1)	--	2:03	67	--
4/20 (2)	at Richmond	W, 1-0 (8)	8-8	T-3rd	-6.0	Beau Sulser (2-0)	Melvin Adon (0-2)	Matt Eckelman (3)	1:51	63	7,164
4/22	at Harrisburg	L, 1-0	8-9	T-3rd	-7.0	Joan Baez (2-0)	Vicente Campos (1-2)	Aaron Barrett (4)	1:56	70	1,991
4/23	at Harrisburg	L, 5-4	8-10	T-3rd	-8.0	Dan Jennings (1-0)	Jake Brentz (0-1)	James Bourque (3)	2:30	73	1,864
4/24	at Harrisburg	W, 10-5	9-10	3rd	-7.5	Beau Sulser (3-0)	Sterling Sharp (2-2)	--	3:01	62	3,788
4/26	Richmond	W, 7-0	10-10	3rd	-7.0	James Marvel (3-1)	Garrett Williams (0-2)	--	2:24	52	2,967
4/27	Richmond	L, 8-5	10-11	3rd	-7.5	Melvin Adon (1-2)	Blake Weiman (0-1)	Rodolfo Martinez (1)	2:41	58	3,632
4/28	Richmond	W, 8-6	11-11	2nd	-7.5	Matt Eckelman (1-0)	Ryan Halstead (1-1)	Vicente Campos (1)	3:02	46	3,721
4/29	Erie	L, 1-0	11-12	T-2nd	-8.0	Casey Mize (1-0)	Cam Vieux (0-2)	--	2:02	56	2,426
4/30	Erie	W, 5-3	12-12	2nd	-8.5	Scooter Hightower (1-2)	Matt Manning (2-1)	Matt Eckelman (4)	2:25 (:35)	67	2,486
5/1	Erie	L, 3-1	12-13	T-3rd	-8.5	Alex Faedo (2-1)	James Marvel (3-2)	Will Vest (1)	2:28	56	4,077
5/2	at Richmond	W, 9-2	13-13	2nd	-8.5	Pedro Vasquez (2-0)	Ryan Halstead (1-2)	--	2:53	85	6,417
5/3	at Richmond	W, 10-7	14-13	2nd	-7.5	Blake Weiman (1-1)	Franklin Van Gurp (0-1)	--	3:16	83	6,757
5/4	at Richmond	W, 8-3	15-13	2nd	-7.5	Cam Vieux (1-2)	Sandro Cabrera (0-1)	--	2:48	85	6,475
5/5	at Richmond	L, 6-0	15-14	3rd	-8.0	Conner Menez (2-1)	Scooter Hightower (1-3)	--	2:01	73	4,317
5/6	Bowie	L, 10-5	15-15	3rd	-8.5	Hunter Harvey (1-2)	James Marvel (3-3)	--	2:38	72	3,671
5/7	Bowie	W, 3-2	16-15	3rd	-7.5	Pedro Vasquez (3-0)	Zac Lowther (2-3)	Matt Eckelman (5)	2:02	75	3,312
5/8	Bowie	L, 12-2	16-16	3rd	-7.5	Alex Wells (2-1)	Sean Brady (0-3)	--	2:50	62	8,074
5/10	Erie	W, 8-4	17-16	3rd	-6.5	Beau Sulser (4-0)	Francisco Perez (1-1)	--	2:46	70	4,191
5/11	Erie	W, 2-1	18-16	2nd	-6.0	Scooter Hightower (2-3)	Matt Manning (3-2)	Tate Scioneaux (1)	2:17	63	4,147
5/12	Erie	L, 14-4	18-17	3rd	-6.5	Logan Shore (2-2)	James Marvel (3-4)	--	2:51 (:33)	52	2,654
5/13	at Binghamton	-- PPD: RAIN - RESCHEDULED TO MAY 14 --									
5/14 (1)	at Binghamton	L, 7-0	18-18	3rd	-8.0	Anthony Kay (4-2)	Pedro Vasquez (3-1)	--	1:46	46	--
5/14 (2)	at Binghamton	L, 5-1	18-19	3rd	-9.0	Ryley Gilliam (2-0)	Blake Weiman (1-2)	--	2:11	46	1,584
5/15	at Binghamton	W, 9-8	19-19	3rd	-9.0	Sean Brady (1-3)	David Roseboom (1-1)	Angel German (1)	2:54	53	6,968
5/16	Harrisburg	W, 8-1	20-19	3rd	-8.0	Cam Vieux (2-2)	Wil Crowe (4-2)	--	2:07	72	3,481
5/17	Harrisburg	L, 7-5	20-20	3rd	-9.0	Jackson Tetreault (2-1)	Scooter Hightower (2-4)	Aaron Barrett (9)	2:48	72	4,302
5/18	Harrisburg	W, 8-2	21-20	2nd	-8.0	James Marvel (4-4)	Sterling Sharp (4-3)	--	2:45	80	5,074
5/19	Harrisburg	W, 6-4	22-20	2nd	-7.0	Angel German (1-1)	Jacob Condra-Bogdan (1-1)	Blake Weiman (1)	2:18 (:16)	82	4,673
5/21	at New Hampshire	L, 5-0	22-21	T-2nd	-7.0	Yennsy Diaz (4-3)	Sean Brady (1-4)	--	2:20	61	3,114
5/22	at New Hampshire	L, 2-1	22-22	T-2nd	-7.0	Hector Perez (3-2)	Cam Vieux (2-3)	Bryan Baker (3)	2:25	70	3,276
5/23	at New Hampshire	L, 7-2	22-23	3rd	-7.0	Patrick Murphy (3-4)	Scooter Hightower (2-5)	--	2:33	67	5,539
5/24	at Portland	L, 1-0	22-24	4th	-8.0	Deny Reyes (1-6)	James Marvel (4-5)	Jordan Weems (4)	2:12	61	7,368
5/25	at Portland	L, 5-3	22-25	4th	-8.0	Tanner Houck (4-4)	Matt Eckelman (1-1)	Brian Ellington (1)	2:22	73	7,052
5/26	at Portland	W, 7-2	23-25	T-3rd	-6.5	Sean Brady (2-4)	Brian Johnson (0-1)	--	2:35	76	7,368
5/27	at Portland	L, 7-3	23-26	4th	-7.5	Durbin Feltman (2-1)	Matt Eckelman (1-2)	--	3:02	72	7,040
5/28	at Trenton	L, 6-5	23-27	4th	-8.5	Trevor Lane (3-0)	Yeady Garcia (0-1)	Daniel Alvarez (7)	2:26 (1:24)	79	4,020
5/29	at Trenton	-- PPD: SEVERE WEATHER - RESCHEDULED TO MAY 30 --									
5/30 (1)	at Trenton	-- SUSPENDED: RAIN - TOP 3: CURVE 6, TRENTON 0 - RESCHEDULED TO JULY 30 AT 5 P.M.									
5/30 (2)	at Trenton	-- PPD: RAIN - RESCHEDULED TO AUGUST 1 --									
5/31	New Hampshire	L, 5-4	23-28	4th	-9.5	Taylor Saucedo (2-0)	Joel Cesar (0-1)	Ty Tice (3)	2:44	76	5,365
6/1	New Hampshire	W, 4-3	24-28	4th	-8.5	Angel German (2-1)	Vinny Nittoli (0-1)	--	2:22	80	5,048
6/2	New Hampshire	L, 4-1	24-29	4th	-9.5	Patrick Murphy (4-5)	Domingo Robles (0-1)	Bryan Baker (4)	2:17	71	4,227
6/3	at Erie	W, 9-8	25-29	4th	-9.0	Vicente Campos (2-2)	Will Vest (1-3)	Angel German (2)	3:19	58	3,421
6/4	at Erie	W, 3-0	26-29	4th	-8.5	Pedro Vasquez (4-1)	Logan Shore (2-5)	Beau Sulser (1)	2:28	62	3,411
6/5	at Erie	W, 6-2	27-29	T-3rd	-8.5	Blake Cederlind (1-0)	Alex Faedo (3-4)	--	2:36 (1:39)	71	2,556
6/7	Akron	L, 5-1	27-30	4th	-8.5	Eli Morgan (4-0)	Sean Brady (2-5)	--	2:25	77	5,691
6/8 (1)	Akron	W, 6-0	28-30	4th	-8.0	Domingo Robles (1-1)	Evan Mitchell (0-1)	--	1:50	78	--
6/8 (2)	Akron	W, 2-1	29-30	4th	-8.0	James Marvel (5-5)	Jared Robinson (0-1)	Blake Weiman (2)	1:56	75	6,873
6/9	Akron	W, 4-2	30-30	T-2nd	-7.0	Pedro Vasquez (5-1)	Tanner Tully (5-5)	Matt Eckelman (6)	2:25	71	5,088
6/11	Portland	W, 5-4	31-30	T-2nd	-7.0	Joel Cesar (1-1)	Deny Reyes (1-8)	Matt Eckelman (7)	2:21	72	4,157
6/12	Portland	L, 6-1	31-31	T-3rd	-7.0	Tanner Houck (6-4)	Sean Brady (2-6)	Adam Lau (3)	2:39	71	2,969
6/13	Portland	W, 5-2	32-31	3rd	-7.0	James Marvel (6-5)	Matthew Kent (1-2)	Matt Eckelman (8)	2:27 (1:19)	65	4,471
6/14	at Binghamton	W, 6-2	33-31	T-2nd	-6.0	Blake Cederlind (2-0)	Harol Gonzalez (3-2)	--	3:01	69	3,949
6/15	at Binghamton	W, 5-1	34-31	2nd	-6.0	Pedro Vasquez (6-1)	Luc Rennie (0-1)	--	2:18	70	2,107
6/16	at Binghamton	-- PPD: RAIN - RESCHEDULED TO JUNE 29 --									
6/17	Harrisburg	L, 4-2	34-32	2nd	-6.5	Ben Braymer (4-4)	Sean Brady (2-7)	Aaron Barrett (13)	2:52	71	2,507
6/18	Harrisburg	W, 3-1	35-32	2nd	-5.5	Beau Sulser (5-0)	Tyler Mapes (3-3)	Matt Eckelman (9)	2:19	76	3,174

TRANSACTIONS

April											
April 1	Pittsburgh Pirates	announce 25-man Altoona Curve roster									
April 4	INF Stephen Alemais	assigned to extended spring training									
	INF Robbie Glendinning	assigned to Double-A Altoona									
April 5	OF Jared Oliva	placed on the 7-day injured list (concussion)									
	OF Ryan Peurifoy	assigned to Double-A Altoona from A-Adv. Bradenton									
April 6	RHP Eduardo Vera	promoted to Triple-A Indianapolis from Double-A Altoona									
	RHP Beau Sulser	assigned to Double-A Altoona from A-Adv. Bradenton									
April 7	RHP Gage Hinsz	placed on the 7-day injured list (right forearm strain), retroactive to April 4									
April 8	LHP Sean Keselica	assigned to Double-A Altoona from Triple-A Indianapolis									
	INF Alfredo Reyes	promoted to Triple-A Indianapolis from Double-A Altoona									
April 11	INF Stephen Alemais	assigned to Double-A Altoona from short-season West Virginia									
	INF Alfredo Reyes	reinstated from 7-day injured list (concussion)									
April 15	OF Jared Oliva	reinstated from 7-day injured list (concussion)									
	OF Ryan Peurifoy	assigned to extended spring training from Double-A Altoona									
April 18	INF Robbie Glendinning	assigned to A-Adv. Bradenton from Double-A Altoona									
	INF Alfredo Reyes	assigned to Double-A Altoona from Triple-A Indianapolis									

2019 SECOND HALF GAME-BY-GAME

DATE	OPPONENT	TIME/RESULT	REC	PLACE	G (+/-)	WINNER	LOSER	SAVE	TIME	GT	TEMP	ATT.
6/19	Harrisburg	W, 3-1	36-32 (1-0)	T-1st	--	James Marvel (7-5)	Steven Fuentes (3-2)	Matt Eckelman (10)	2:24 (:32)	73	4,488	
6/21	at Hartford	L, 7-6	36-33 (1-1)	T-4th	-1.5	Mitch Horacek (1-0)	Joel Cesar (1-2)	Logan Cozart (5)	2:29	75	6,658	
6/22	at Hartford	L, 7-3	36-34 (1-2)	T-4th	-2.5	Mitch Horacek (2-0)	Austin Coley (0-1)	--	2:37	76	6,850	
6/23	at Hartford	W, 6-1	37-34 (2-2)	4th	-2.0	Sean Brady (3-7)	Jack Wynkoop (5-8)	--	2:11	81	6,850	
6/24	at Richmond	W, 5-2	38-34 (3-2)	4th	-1.0	Beau Sulser (6-0)	Frank Rubio (0-1)	Matt Eckelman (11)	2:53	91	6,802	
6/25	at Richmond	W, 5-1	39-34 (4-2)	3rd	-1.0	James Marvel (8-5)	Caleb Baragar (2-1)	--	2:38	87	4,628	
6/26	at Richmond	L, 6-2	39-35 (4-3)	4th	-2.0	Brandon Beachy (3-3)	Cody Bolton (0-1)	--	2:44	89	3,808	
6/27	Binghamton	W, 6-3	40-35 (5-3)	3rd	-2.5	Domingo Robles (2-1)	Andrew Chruch (0-2)	Matt Eckelman (12)	2:02	88	4,398	
6/28	Binghamton	L, 7-5	40-36 (5-4)	4th	-2.5	Eric Hanhold (1-0)	Angel German (2-2)	--	2:38	88	6,861	
6/29 (1)	Binghamton	L, 2-1	40-37 (5-5)	4th	-3.5	Mickey Jannis (4-1)	Brandon Waddell (0-1)	Stephen Villines (5)	1:56 (:45)	75	--	
6/29 (2)	Binghamton	W, 4-3 (9)	41-37 (6-5)	4th	-3.0	Jesus Liranzo (1-0)	Joseph Shaw (0-3)	--	2:34	74	5,244	
6/30	Binghamton	W, 8-5	42-37 (7-5)	T-3rd	-3.0	James Marvel (9-5)	Austin McGeorge (0-3)	Matt Eckelman (13)	2:26	83	6,044	
7/1	at Akron	W, 5-4	43-37 (8-5)	3rd	-3.0	Beau Sulser (7-0)	Kyle Nelson (1-2)	Matt Eckelman (14)	2:32	85	3,174	
7/2	at Akron	L, 7-2	43-38 (8-6)	3rd	-4.0	Jake Paulson (6-5)	Domingo Robles (2-2)	Robert Broom (1)	2:56 (35)	72	3,408	
7/3	at Akron	W, 6-4	44-38 (9-6)	3rd	-4.0	Joel Cesar (2-2)	Jordan Stephens (1-1)	Matt Eckelman (15)	2:33	82	7,478	
7/4	Erie	W, 6-5 (10)	45-38 (10-6)	3rd	-3.0	Austin Coley (1-1)	Will Vest (2-4)	--	2:51	75	8,806	
7/5	Erie	W, 3-0	46-38 (11-6)	3rd	-2.0	Brandon Waddell (1-1)	Joe Navilhon (1-2)	Beau Sulser (2)	2:47	74	4,573	
7/6	Erie	-- PPD: RAIN - RESCHEDULED TO JULY 23 --										
7/7	Erie	W, 3-2	47-38 (12-6)	3rd	-2.5	Blake Cederlind (3-0)	Anthony Castro (3-2)	Matt Eckelman (16)	2:37	80	4,189	
7/11	at Erie	L, 5-3	47-39 (12-7)	3rd	-3.5	Logan Shore (3-7)	Sean Brady (3-8)	--	2:21	76	2,529	
7/12	at Erie	W, 1-0	48-39 (13-7)	3rd	-3.5	Brandon Waddell (2-1)	Tarik Skubal (0-1)	Matt Eckelman (17)	2:19	74	4,547	
7/13	at Erie	W, 10-7 (10)	49-39 (14-7)	T-2nd	-2.5	Jesus Liranzo (2-0)	Drew Carlton (1-3)	--	2:56	85	3,896	
7/14	at Erie	L, 6-5	49-40 (14-8)	3rd	-3.5	Zac Houston (3-1)	Angel German (2-3)	--	3:01	73	3,579	
7/15	Trenton	L, 4-3	49-41 (14-9)	3rd	-4.5	Andrew Bellatti (1-0)	Austin Coley (1-2)	Brady Lail (1)	2:52	85	3,533	
7/16	Trenton	L, 4-2	49-42 (14-10)	3rd	-5.5	Albert Abreu (5-7)	Beau Sulser (7-1)	Daniel Alvarez (12)	2:22	86	6,147	
7/17	Trenton	W, 6-5	50-42 (15-10)	3rd	-4.5	Angel German (3-3)	James Reeves (3-2)	Matt Eckelman (18)	3:02	81	3,319	
7/18	at Bowie	7:05 p.m.										
7/19	at Bowie	7:05 p.m.										
7/20	at Bowie	6:35 p.m.										
7/21	at Bowie	1:35 p.m.										
7/22	Erie	6:30 p.m.										
7/23	Erie (1)	4:30 p.m.										
7/23	Erie (2)	Game 2										
7/24	Erie	Noon										
7/25	Richmond	6:30 p.m.										
7/26	Richmond	7 p.m.										
7/27	Richmond	6 p.m.										
7/28	Richmond	6 p.m.										
7/30	at Trenton	7 p.m.										
7/31	at Trenton	7 p.m.										
8/1 (1)	at Trenton	5 p.m.										
8/1 (2)	at Trenton	Game 2										
8/2	at Reading	7:10 p.m.										
8/3	at Reading	6:45 p.m.										
8/4	at Reading	5:15 p.m.										
8/5	Richmond	6:30 p.m.										
8/6	Richmond	6:30 p.m.										
8/7	Richmond	6:30 p.m.										
8/8	Richmond	6:30 p.m.										
8/9	Reading	7 p.m.										
8/10	Reading	6 p.m.										
8/11	Reading	6 p.m.										
8/13	at Harrisburg	6:30 p.m.										
8/14	at Harrisburg	6:30 p.m.										
8/15	at Harrisburg	7 p.m.										
8/16	Bowie	7 p.m.										
8/17	Bowie	6 p.m.										
8/18	Bowie	6 p.m.										
8/19	Hartford	6:30 p.m.										
8/20	Hartford	6:30 p.m.										
8/21	Hartford	6:30 p.m.										
8/22	at Bowie	7:05 p.m.										
8/23	at Bowie	7:05 p.m.										
8/24	at Bowie	6:35 p.m.										
8/25	at Bowie	1:35 p.m.										
8/26	Akron	6 p.m.										
8/27	Akron	6 p.m.										
8/28	Akron	6 p.m.										
8/29	Akron	6 p.m.										
8/30	at Harrisburg	7 p.m.										
8/31	at Harrisburg	6 p.m.										
9/1	at Harrisburg	1 p.m.										
9/2	at Harrisburg	Noon										

UNIVERSITY ORTHOPEDICS INJURY REPORT

Player	Injury	Placed (Retro)	Reinstated	Player	Injury	Placed (Retro)	Reinstated
OF Jared Oliva	Concussion	4/5	4/15	RHP Tate Scioneaux	Left ankle sprain	5/16	6/20
RHP Gage Hinsz	Right forearm strain	4/7 (4/4)	--	OF Bralin Jackson	Left ankle sprain	7/5	--
SS Stephen Alemais	Right shoulder strain	4/26	--				

2019 MLB DEBUTS BY CURVE ALUMNI

March 28	RHP Connor Joe (2017 Curve) San Francisco at San Diego	April 25	LHP Taylor Hearn (2018 Curve) Texas at Seattle	May 25	LHP Josh Smith (2015-16 Curve) Tampa Bay at Cleveland
April 6	OF Jason Martin (2018 Curve) Cincinnati at Pittsburgh	May 9	RHP Montana DuRapau (2015-18 Curve) Pittsburgh at St. Louis	May 27	RHP Mitch Keller (2017-18 Curve) Pittsburgh at Cincinnati
April 20	INF Cole Tucker (2017-18 Curve) San Francisco at Pittsburgh	May 11	OF Harold Ramirez (2016 Curve) Miami at New York (NL)	June 15	RHP Dario Agrazal (2017-19 Curve) Pittsburgh at Miami
April 20	OF Bryan Reynolds (2018 Curve) San Francisco at Pittsburgh	May 18	RHP Geoff Hartlieb (2018 Curve) Pittsburgh at San Diego	July 13	RHP Luis Escobar (2018 Curve) Pittsburgh at Chicago (NL)